

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1522)

<223> n = A,T,C or G

<400> 4768

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ctnttaactn ctaatncttc ttcentggcna cggcncttan tatgngccnc tnaaaatcng      60
aataggggtc tnggggggnc tactenaccn nncncncnnc gncetnatna nnnccetnaag      120
nntgnctttc cngcncttaa nteencctct caccnnentn nccgncgngg ttttencccc      180
tctnccctcc ttncctctatn ctcttncccn tccctctcct ntccccent tntcnatntn      240
cntccctcnt necctatctc nccccctccn cccccccanc catccttttc tnnctcccn      300
cnnctctcnn tncectcacc tttntccenn tccnnnttct cctcacnnc cncnancct      360
acatcnnctc tcttncent tnttctcncc tttnacactc tctatcattt atcctccan      420
ntantnttna tccennncta cctnnntcta cctttccnca nanntcttca tctttccctc      480
tcactccata nctnacctna tccnacttc tntaatctct tcnntcactn ctcnctcact      540
ctcttntctc tcnccannn ntccacactn tntnnnnctn tcctntcnan ntenttcatn      600
ctcancctc ctctntntn tnttctctnt ntccccntac nncctcccta tcnctctcn      660
cncatcnnac tctctctnt nctcaccctc ctncctctcnc cntttatanc acncttacnn      720
ctcncctnnn cncnntctca ctcactngct ccatcncctn ttntatanat cccnctctn      780
tctgatctct cncctnactt ccncanactc tactnacttn tctnactnt ctancctctt      840
ctcctcanct ctccganact ntntcncann tcatntcena nctntatac cancgncntc      900
tacctntntc cctcacnacc tctctctccc ttccgnatcan ctncncnct nctnctcaca      960
ctnnctcact nactcatnnc tntnnatctc nncctantcn cncncnctnt cactctctca      1020
natactntct nntctatctt ctntcantct tntcttncnc actatnact cccctctnna      1080
tctaccctc caccatnctn tnaaatccnc tcagntacnn tctacatcat tncctccat      1140
ctctgctna cantntcncc acatctctct ctnnnnnccn ttnactcct ctncnccct      1200
cctancctca cactccatn tcnctctctc tennactcta cncntccct cnaactntca      1260
nccccctta tccatctcnc cmtctatct accncactaa ctctctccct accnctntt      1320
cntcctntn tctncttcac atcantctac tactcctncc tntnctctat nntcttntc      1380
ttctnaccat tatcnccntc ctentnnct ncnncnntcta tntcntntac atcctccnt      1440
cacttactct caccnncctt nccctctacc tctctcacc tctactctc ntnntctcnn      1500
catactannc tctcnccatc ct                                     1522

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<210> 4769

<211> 1411

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1411)

<223> n = A,T,C or G

<400> 4769

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ccncancccc cennnnnaac cennnnccnn nnnncennnc cnnccnannn nnnnncannn      60
ancannannn nnnnnnnnnn nnnnnnancn ncnncnnnnn nnnncennnc nnnnnncntn      120
nnnnnnnnnn nnnnnnnnnn nncannnccc cnnnnnnncc cnnnnnnccc nnnnnnnntn      180
ccancntann nntncennanc nncncnnnnn nnnnnnaaaa agaagaagg nnnnnnnnnn      240
nnnnnnnnnaa anagaaacnn acnnggggnc gcgnggggn cncgnttttt tcccttaaaa      300
annaggaccc ttggggcgna canngcctc acncatcgtc nncnganaca cgagacnttg      360
cggngnnnga tttttnnaaa naccgantnc cncatacna cnaagcncnn ncgnnnnnaaa      420
nnccnannnn angnangtan nnnncgaacc cennnnnaaa ncanncntn agnaagnncc      480
anncagcact cgctgcggta cctncnnag cgcncgncc aatcaccnac ngntnnnacc      540

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ancnetcnan	gaccagctaa	acctccanan	agccactctg	ancctectac	ctntnnagac	600
cacngaacnn	attcnancag	gacncannnn	cctcaacacn	acnatcccct	cactgnnccc	660
cctcccagac	aaanncannt	cntnnaagcg	ccatcncccn	nnanancnnn	natecnannc	720
anntcttan	ccccatantc	ccccacacac	ccccngnnc	gnncantnac	nnnaacannc	780
nccgtagccc	cnntectnaa	ccancctanc	atannacctc	tncnnnccct	ctctgcnccn	840
cacaacnnat	nanctncaaa	caanncnnc	ncancacnta	anncnncnnc	ccacaacncc	900
cncgncgaac	atncccnnc	cnnagnaccc	acacataana	naccnncacc	cnactnatat	960
atccacaanc	naancnntn	nnnnccaana	ancccnnat	caacancacn	acnaacannt	1020
cncncntac	mntatcnann	atcannnnca	ccnncnctt	annannnnnn	nntnacancg	1080
tanaaaacgn	ganaacnnc	nnncnntcta	acctnnaanc	cacnncncnc	acnennanta	1140
nccttcnngn	anncnnnan	ccnnaccnnc	cttnanncn	nncccttna	anacnantca	1200
ncnncacanc	cnnncnnac	gacncantaa	nncccaatca	nctaaaacnn	ctctcncnna	1260
ncnaacacat	cnannacgan	cntccnacan	atncacganc	ncnannaant	cnacncanan	1320
angctcnac	ntatctnnaa	acnnaannat	netcactanc	acacaaatct	nncacnanta	1380
anancnnca	cgnaatcanc	aanataccnc	c			1411

<210> 4770

<211> 1349

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1349)

<223> n = A, T, C or G

<400> 4770

ncctntaaaa	tnnnaaaact	nnctttgggc	naaaaacnnc	ccctcaaaca	tattcgagacc	60
cccttaaaac	atcagggann	ntatggggnt	ctntnngggg	gccnntnnnc	antntcatat	120
cnnatacana	nncccnntnt	ctacacatcn	ctntctactt	annantcttn	nctcatcnc	180
tgnnnnctat	anntatctnc	tcccactccc	ctacttcacc	tctcncnncn	nctcctctta	240
ccancntat	accncancac	ccaacacnnc	accnccnacc	tancacctat	cannctctca	300
nattctccct	ntctcccttt	ccctctcttc	atctctcccn	canctcnana	ccnncnnnac	360
ctcattctac	tacacnnc	netccctct	ccnnaacnnc	tctccatcct	ncnccccncc	420
nccttcccn	ttntcnccct	cctannncaa	cactccacna	caccnctcn	tctctcact	480
cctactcnct	ancncannc	tcantctcan	actntctna	cataactacc	ccactcntac	540
nctctncatc	cacctcannn	tcacncatcc	actctctnt	cncctctctn	nnacctcnca	600
tcnntctnac	acctctnccc	cttctcttcc	taccattcac	tctactctn	nctnnctcac	660
tctctcattt	cntcnacct	ncatcaactn	tccnntacc	ctatcnctct	ntatctntca	720
ccatatecnc	actcncgcac	actctancta	cncctctacc	atactntcnt	ctcatcacta	780
natntntacn	tctctcnacn	cttannnctc	nactacnca	tctcttctcc	actncanent	840
anacacactc	cctactncac	ctcacatatn	tnctctcnnc	ntcatnatac	ctctnnatnt	900
antctctntc	tncnncacnn	tntnctcac	acacactntc	tcacactnac	nctctctctc	960
tctntctctc	tctntcnct	atanacctnn	cactctcant	cancctact	accnctcttc	1020
tctctnctc	cncntcttc	nanatnnncc	nctctacacn	ccacttacan	naccacacat	1080
cactctnca	ccctncatcn	ntcncttcac	tanntaccac	nncactcnca	natctcctn	1140
tctntnctc	nntnacnct	caccatctn	tctnctcnc	tcacntctn	ccactctcac	1200
ctnttctana	accatactcn	ntntccactc	cnccttcan	ctcctccacc	nacatacccc	1260
nnacncnca	tnacnctcc	annccacatt	cnacacntcc	ntcnncncc	tcttctcnnc	1320
tctncccc	tntctnncac	cccttcccn				1349

<210> 4771

<211> 791

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(791)
 <223> n = A,T,C or G

<400> 4771
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 aggttatggg gggaggagcc gatactgagc ttcttcctat ttgccatggg cttcactgta 120
 taaataggag aggatgagag cccagaggta acagaacagc ttcagggttat cgaaataaca 180
 atgttaagga aactcttata tcagtcatgc ataaatatgc agtgatatgg cagaagacac 240
 cagagcagat gcagagagcc attttgtgaa tggattggat tatttaataa cattacctta 300
 ctgtggagga aggattgtaa aaaaaatgcc tttgagacag tttcttagct ttttaattgt 360
 tgtttctttc tagtgggtctt tgtaagagt tagaagcatt ccttctttga taatgttaaa 420
 tttgtaaagt tcagggtgaca tgtgaaacct tttttaagat ttttctcaaa gttttgaaaa 480
 gctattagcc aggatcatgg tgtaataaga cataacgttt ttcttttaaa aaaatttaag 540
 tgcgtgtgta gagttaanaa gctgttgtca tttatgattt aataaaataa ttctaaaaaa 600
 aaaaaannnn nnaaaaaaac tngagcctnt anaactttag ngagtcggnn ttacntnnat 660
 cccggacctg gntaaggata ccattggntg aantttgggc caaaccccca annttgnaat 720
 gccntggnaa aaaaaatgcc ttnattttgg ggaaaatttt ggggaaggcn nttnggnttt 780
 aatttnggna n 791

<210> 4772
 <211> 750
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(750)
 <223> n = A,T,C or G

<400> 4772
 cggtttnaga atcnancnct acttgttctt tttgcaggat ccctcgatgn ngaattcggc 60
 acgaggntac ntgcaatnac catnntggna tcagtnact anngcctctc ntagaaaaaa 120
 ggggaccnag agacnggtnt tcaccatntc gcccatgeng gtctcacact cctgagctca 180
 ngccatccna ctncctnnan ctaccaaagt gnttcgtna nagncnaact catttttatt 240
 caatggccat ngntctetnac acncnattga natntnagcn naccntannn cagttntcan 300
 ataccacntg gcgnatnnan aaccccnnga tgcnggaccn tngtgaacca natgctnana 360
 tgccattcaa tcaggaagat gccaaaaatg nncntnttat tntaanataa gtacttaagt 420
 nancantatt cagaantgac nntctcatan ggaagcntnn ttatctnctt nnatnannga 480
 nattgttana atcnttnccn ntaatccacc ttnatnmnta cccntttgtt tattaaggca 540
 aaagattncn nttatccnnc tannaatgct tcatgaaatc naanntaata tttntttnaag 600
 ctantntcca ccattanttn nnnntgtaca tttntaatn tgnaannccn atcttgtatn 660
 aaagaacct aatnnccaan nnttcctnaa tnatgnttnn attccacctt tanncnatat 720
 annccnaact tntcttntct tttnttcncc 750

<210> 4773
 <211> 979
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(979)
 <223> n = A,T,C or G

<400> 4773

gtaccnattn	atgtgctant	ctgctcnttc	ttnttgcaat	atcccatcga	ttcgaatnng	60
gnacgagccn	ncctgggtcnc	tgncaggatt	gacnnattgn	tagctntttc	tagannnnngn	120
gnatgggtgg	gcatggccga	gtcttagtat	ggtaggagcg	atcatgaaag	cccagncact	180
tgngggacaa	ctncaccatg	ggctatatga	nggccaaaaa	ncacctggag	atcaaccctg	240
nccaccccat	tgtggagacg	ctgcgncaga	aggctgaggc	cgncagaagt	gataagggnag	300
nnaaggtcct	gntnntgctg	ctgctngaana	ccgnnctggt	atcntctggc	tnnnccnntn	360
aggntcccc	tacccactcn	aaccgcatct	atngcatgat	caagctannt	ctnngtattg	420
ntgantatna	nnctgncacc	ananganccc	acnncttgca	actnctgatn	agateccntt	480
tntcnnggc	nacgangatn	catttnntcc	tngaanaagt	ccatntagtc	actttncenn	540
tcnntntcn	aacctnttc	ttccctanan	cttacntttt	ccnnatcntn	cctcnncatc	600
tcgncnatte	ncncatctn	cncccntcc	tcctctccnn	tgnnnctatc	tnncccnccc	660
ccnctcnnt	tntctnattn	tacttctccc	tctctctcnc	ntnnncattt	tctancctct	720
cntnccntnc	tnttactnnn	ctcnctact	acntcactcn	netccttact	cttnncnant	780
nnnctctnc	ctntnccctc	netcntccnn	tcactnancn	ctcntnntnn	ntcnntcnac	840
cncntnctc	nanctcannn	netnnntnca	tcacatann	ctntctcncc	ttanntnnet	900
ntcctctct	cncnctnttn	cncnnctcan	tctttctcnc	tctctntcnn	tctctntnct	960
ntcacntcc	tntctctct					979

<210> 4774

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (741)

<223> n = A,T,C or G

<400> 4774

nntaaatcan	ctcttgnctt	tttgccaggat	ccctcgattc	gngnnnangt	cgagnacntt	60
cntagggggc	ctnantctaa	tangngcett	ntgnctgtca	tgatngncaa	ttganaagna	120
nttnantanc	ncatttagaa	tctantgact	agcctcctct	ctggtnngctg	gtggcattna	180
nggttcanac	cancntaan	tgctgggtgct	gttnnaanang	tctcacgtgg	ctgcntgtcn	240
tggctcatgc	ctgtnttccc	aacattctnn	naggcccaacn	cngtagaacn	gctngagncc	300
angagtncag	aatcagcctg	cgcaacatnn	caatactccn	tntcataaaa	attcataaat	360
aacangtctc	acgtgaccaa	nggctcctga	agctagaacc	angtttggat	acaagattga	420
agatccacan	gccantcttg	cntctgagcc	ntnnngccta	ntngngncat	gtntnnnaat	480
tgntcanggc	nagagcnnnc	nnntntngent	natacnggaa	ngncngctta	attngcnnnn	540
nttcagtcca	aatnnnatac	tntngggacn	ntaacntgen	ctatnctnta	tnnccagaga	600
ctacngtctt	antcatccan	naaatgancg	atngntnatt	attcccatgg	cacctntatn	660
naaatccaga	gttcttcgca	gncttttnngc	tnttttatatg	tgtnccaaagt	nttaaaccnt	720
nataattatt	gggcntctga	n				741

<210> 4775

<211> 711

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (711)

<223> n = A,T,C or G

<400> 4775

aatcngctgc	ttgctactcg	tgcnatccc	tcgattcgaa	ttcggcacga	gactttatga	60
------------	------------	-----------	------------	------------	------------	----

gaagaatctt	actgaaaatc	aagaagctct	tgcaaaagaa	atgcgagcag	atgcagatgc	120
ctatagacga	aaagtggatc	ttgaagaaca	catgtttcat	aagctgatag	aagcaggtga	180
aaccagagc	cagaaaactc	agaagtggaa	ggaagctgaa	ggaaaagagt	tccgtttgag	240
atcagcaaag	aaagcttctg	ctctttcaga	tgcgtctaga	aagtggtttt	taaagcaaga	300
gataaatgcg	gctgtagaac	atgctgaaaa	tccatgtcat	aaagaagaac	ccaggttcca	360
aaatgaacag	gactcaagct	gtttgcctag	aacctcaca	ttaaatgact	cttctgaaat	420
ggatccctca	acacagattt	ctttaaatag	aagagcagta	gaatgggaca	ccacgggaca	480
gaatcttatt	aagaaagtga	gaaatcttcg	ccagagactc	actgcccggg	ctcgtcacag	540
atgtcaaacc	cctcatcttt	tggctgcata	gaatgcatgt	caccttgaga	cggcteganag	600
agagacctat	tttgcaatca	gtgacattga	tttttagatt	atttatattaa	aattcctatn	660
aagatcagcc	ctttgtacag	aaaaatgtgt	ctataaaaaat	tatgtgttat	t	711

<210> 4776

<211> 858

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (858)

<223> n = A,T,C or G

<400> 4776

tccccatttt	gaatnnanch	agctacttgt	tcttttttga	ggatcccatc	tattngggng	60
nannctttnt	tgnaatnch	ggtacgnnc	tatgnatcan	gactgnactt	nggtanctnn	120
cttgcccnt	acagnngnaa	ngaangatgg	gctgggtggat	tggcccacct	gggagcaaca	180
tggggcangg	ggagccctca	ccctnagcca	nccagacgag	tgggatttnc	cccagnacan	240
nataccccct	tcacaaaang	accactnaag	tgcttcatta	agcaagtcct	ggatcctgtg	300
ccnccaact	gggtgagaca	ccccaatggg	tcacantaca	ccttatacaa	nagcatttta	360
ctggcatnan	gtgggtgccc	ctcaangaca	nagatcccan	agganngagt	ggggtctnat	420
ctttgtgtgt	nttccatcac	tctttgggtga	catnttcagg	tntgggaggg	accagatta	480
gtattggctt	tgaangaaat	tcccannnat	antgcannta	tncctnncat	aagatgggtgc	540
ctanacttgn	ttataagngn	ataacantna	ngtctacacc	naacnttcan	cccntaaaaa	600
atnccctan	cnaaaanncc	tcaatntttt	aaagggtcna	ctgcttncnc	tttacaagga	660
atctnantgn	tggntaach	anacnttctt	tgtaaanatt	ganntaaach	gggntnttng	720
tatntatann	tctnctnta	acnantcctn	tgatnaaang	ggnttctatn	taatcgggtgn	780
ttctgcatcn	taaccttctc	naanaaang	tattctctnc	taatntcanc	cncntttnta	840
ancnnngtca	anacgcgg					858

<210> 4777

<211> 999

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (999)

<223> n = A,T,C or G

<400> 4777

ccnccnccnn	nnnnnnnnnn	cnnnnnnnna	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	60
nnnnnnnnnn	annnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	120
annnnnnnnnn	nagnnnnnnnn	cncgnnnnnnn	nnnnnnnnnn	gnacnccnnnn	tanannnnnn	180
nnnnnnnnnn	nnngnnnnctg	ncnnnccttt	tcnaaaagct	ggtcctcngc	nactnnncag	240
gcagcccnnc	gattcagaat	tcggcacgta	ggccaagtat	gcagtgtnaa	cggctgnnag	300
nntcgagaac	cngagtgtgn	gctctcctng	nngaccnaga	ncgangcagag	agctccaagn	360

anganatgan	tgngacctgc	atggganaag	gncaggngga	tatcatggag	agcgtgaana	420
nccggtctga	aanganacag	gggtgccacc	cangtgccag	agatgcgaag	naaccaatan	480
agcaggggan	gggncaagng	nnnancgaac	ngaagagcan	nnaacggnnn	anangnnaag	540
gagcacaatg	angccctnat	cgcccngagc	nctcacgccn	atnagggctc	atncaaacng	600
agcaccgcct	ttennttgcc	cacaaaatng	aattgantca	agnacagccn	gacangtgcn	660
nanagccnng	ccattggaac	tcgtctcccc	cctangaatg	ctgcccttgc	nannacccat	720
tgctatgctg	ctnaccannt	ccccttgta	ttcctggggc	ccctcttatg	nactgnaacg	780
antcanccgt	gactaggggt	aaaaacgnan	gnggaaatgn	tatangaant	tngcaccang	840
naatcatngc	ttatccatnc	ccnaatgcat	ngntnaaant	tcnacaacta	gtncgtcata	900
gnacncntnt	ggaatantta	ggngaaactg	tggcttatna	atngtccnan	ntggganaag	960
ggganccana	tnaacttggc	tnaagcncga	atgtnnenn			999

<210> 4778

<211> 796

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (796)

<223> n = A,T,C or G

<400> 4778

ggtgnagtnn	atgtctaata	ctntgnnnngc	gnttgcntnc	gatgcaggat	cccatccggn	60
gaagaagctg	cagaagaaat	gaagaaagt	atgatgattt	anattttgat	attgatttag	120
aagacacagg	aggagaccat	caaatgaatt	aatatcactg	tattaaaagt	ctgccgggca	180
cagtggctca	cgctgtaat	cccaacactt	tgngaggcca	aggaggggtg	atcncctgng	240
gtcangantt	cttnaccngc	ctggccaaca	tggcggaacc	ccatcttcac	taatagtaca	300
aaaaattagc	tgggcctg	tggtcatgc	ctgtaatccc	agctactcaa	gaggcttgan	360
gcaggaggat	tgcttnaacc	ctgnaggcgg	agattgaagt	gagctgagtt	cgtgccatta	420
cactccacct	gggtgacana	gtgagactct	gtctcaaaaa	aaatanaata	aaaagtcnat	480
ttacaatgtg	aaattctgac	accttttg	tttgagtatt	ttcccaaaga	tattttgaat	540
ccttantgaa	ggaaattnan	aaaaaancta	tgggaaaaat	tggacnaaat	ttcattnctt	600
gaacaatntt	aaaattgggg	tattattttac	ctttaacant	ccaacntaaa	ccangaattt	660
cagnaattgg	ntgggnttgg	attaannaaa	cntaacctca	tgttnaaaaa	ttaaaaattc	720
ncattanttn	ccttggcctc	naanaaaant	nntnacncan	ataaactccn	ngcccagncc	780
ttttcnnnngc	cttttn					796

<210> 4779

<211> 712

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (712)

<223> n = A,T,C or G

<400> 4779

cacaagctac	ttgttctttt	tgcaggatcc	catcgattcg	aattcgcggc	cgcggcgcca	60
atgcattggg	cccggtaccc	agcttttg	cccttttagt	agggttaatt	gcgcgcttgg	120
cgtaatcatg	gtcatagctg	tttntctgtg	gaaattgtta	tccgctcaca	attccacaca	180
acatacgagc	cgggagcata	aagtgtnaag	cctgggggtg	ctaattgagt	agctaactca	240
cattaattgc	gttngctca	ctgnccgctt	tccagtcggg	aaacctgtcg	tgccagctgc	300
attaatgaat	cggncaacgc	gcggngagag	gcggtttg	tattgggcgc	tnttccgctt	360
tctcgtcac	tgactcantg	cnctcggtcg	ttcggctgng	gcgagcggt	tcaactnact	420

caaaggcggg	aatacgggta	ttcacagaat	naggggggata	acgcaggaaa	gnacatgtna	480
ncaaaaggcc	ngcaaaaggc	cagnaaccct	gaaaaaggcc	cncgttgctg	gcgccatnna	540
catangcttc	gacccccctga	cagcatnaca	aaantcgacc	ttaagtcnga	ngtggcgaaa	600
cccgnccagga	ctattnanat	ccagcggttc	ccctggaact	tcctagggcg	tttctgtnc	660
acctgcgtta	ccgatcctgt	ccgcttttnc	ttnggaaant	nngtttntat	at	712

<210> 4780

<211> 712

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (712)

<223> n = A,T,C or G

<400> 4780

cacaagctac	ttgttctttt	tgcaggatcc	catcgattcg	aattcgcggc	cgcgggcgcca	60
atgcattggg	cccgggtacc	agcttttgtt	cccttttagtg	agggttaatt	gcgcgcttgg	120
cgtaatcatg	gtcatagctg	tttncgtgtg	gaaattgtta	tcgcgtcaca	attccacaca	180
acatacgagc	cgggagcata	aagtgtnaag	cctgggggtgc	ctaattgagt	agctaactca	240
cattaattgc	gttgngctca	ctgnccgctt	tccagtcggg	aaacctgtcg	tgccagctgc	300
attaatgaat	cggncaacgc	gcggngagag	gcgggttgcg	tattgggcgc	tnttccgctt	360
tctcgctcac	tgactcantg	cncctcggtc	ttcggctgng	gcgagcggtg	tcaactnact	420
caaaggcggg	aatacgggta	ttcacagaat	naggggggata	acgcaggaaa	gnacatgtna	480
ncaaaaggcc	ngcaaaaggc	cagnaaccct	gaaaaaggcc	cncgttgctg	gcgccatnna	540
catangcttc	gacccccctga	cagcatnaca	aaantcgacc	ttaagtcnga	ngtggcgaaa	600
cccgnccagga	ctattnanat	ccagcggttc	ccctggaact	tcctagggcg	tttctgtnc	660
acctgcgtta	ccgatcctgt	ccgcttttnc	ttnggaaant	nngtttntat	at	712

<210> 4781

<211> 710

<212> DNA

<213> Homo sapiens

<400> 4781

atccagctct	tgtcttttgca	ggatccctcg	attcgtgtgc	ctaagggaag	ggaatcagaa	60
ggtggagaga	cttgaagttg	cactcaagga	ggccaaagaa	agagtttcag	atthtgaaaa	120
gaaaacaagt	aatcgttctg	agattgaaac	ccagacagag	gggagcacag	agaaagagaa	180
tgatgaagag	aaaggcccgg	agactgttgg	aagcgaagtg	gaagcactga	acctccaggt	240
gacatctctg	tttaaggagc	ttcaagaggg	tcatacaaaa	ctcagcgaag	ctgagctaatt	300
gaagaagaga	cttcaagaaa	agtgtcaggc	ccttgaaagg	aaaaattctg	caattccatc	360
agagttgaat	gaaaagcaag	agcttgttta	tactaacaaa	aagtttagagc	tacaagtggg	420
aagcatgcta	tcagaaatca	aaatggaaca	ggctaaaaca	gaggatgaaa	agtccaaatt	480
aactgtgcta	cagatgacac	acaacaagct	tcttcaagaa	cataataatg	cattgaaaac	540
aattgaggaa	ctaacaagaa	aagagtcaga	aaaagtggac	agggcagtg	tgaagggaact	600
gagtgaaaaa	ctggaactgg	cagagaaggc	tctggcttcc	aaacagctgc	aaatggatga	660
aatgaagcaa	accattgcca	agcaggaaga	ggcctggaaa	ccatgaccat		710

<210> 4782

<211> 705

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (705)

<223> n = A,T,C or G

<400> 4782

tnctaggctc	ttgttctttt	gcaggatccc	tcgattcgtt	tggtcagttg	caccttctgg	60
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ggatcatcct	ccgtctcagg	tggtttgggg	aaagtgtagg	ggcaaccaa	gatcatcggc	180
ttgactaggc	cctttgccct	gaacctcatg	aagaaatgat	aggaggcaga	catatgtgcc	240
taaaaagagc	gttgagctca	gagaagagca	actcggagtt	ttgggggtgt	gctttgattt	300
gtgtacatca	atggcagaat	catccagcga	atcagatcac	ttccgctgtc	gtgaccgatt	360
gagtccatgg	gctgccagat	caacgcacag	gggaactcga	agtcttecta	cagtagaagt	420
taccgagaag	gtcaacacta	taacaagtac	tttacaggat	accagtcgga	acctgcgaca	480
agtggaccag	atgcttggac	gatacccgag	aatacagtaa	tggacaggcg	ggtgccatag	540
aacatgtgag	aaactacatt	tgnttgcat	tctnctaccc	accttttttg	ggaatgaatg	600
ttttggggaa	tggggctntn	accttaagga	aaaaaccnnt	gngnaatgct	ttaaaatttt	660
aaaactgatt	taatatttta	tagtttaagt	ttaggtanct	tgncn		705

<210> 4783

<211> 733

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (733)

<223> n = A,T,C or G

<400> 4783

tttgaatctg	tctctctttt	aaacctnngg	ctncttgatg	tttntgcgga	tccctcgatt	60
gcgaatnntg	cacgagatgg	tgtttncctt	ggaagctgag	aanaatgggg	ctttaatgga	120
acaaatngct	cangaagctg	tttgtnatgc	agnttattat	ggaaatggcc	aaaaactgta	180
atgtggatcc	aanagggtgt	tttcgtctat	ttttccagaa	ngccnaagca	gaggaagaag	240
gttattttga	agcattcaaa	aatgaacttg	aagctttcaa	gtcaagagta	agactttatt	300
ctcaatcaca	aagttttcaa	cctatgacag	ttcagaatca	tgttcccat	tctggtgttg	360
gatctatagg	tttattagaa	tccttaccac	anaatccaga	ttatcttcag	tattctatca	420
gtacagctct	ctgcagctta	aactcgggtg	tacataaaga	agatgatgaa	cccaaatgaa	480
tggacactgt	ataatttggg	taagactgct	gangccaagt	gctattttgn	tacaacgaaa	540
ggaagaactt	ggctatttct	tgacactttt	atgggtgctg	cactttattc	ttgngntngn	600
tttttgatgg	ggaggggaaag	agnactgaaa	tgttttcgna	aatttttntt	tanngtgcn	660
gcttaggnnt	ncttggtntn	gactctgggt	tctngaataa	gangagntgn	tcccatatgt	720
ttngnnggna	anc					733

<210> 4784

<211> 709

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (709)

<223> n = A,T,C or G

<400> 4784

tnaattcagc	tcttgttctt	tatgccgatc	cctcgattcg	aattcggcac	gaggccaagt	60
atgcagtgtc	aatggctaga	agaatcggag	ccagagtgtg	tgctctccct	gaagaccttg	120
tggaagtaaa	gccaagatg	gtcatgactg	tgtttgcatt	tttgatgggc	aggggaatga	180

agagagtgtgta	aaataaccaa	tctgaataaa	acagccatgc	tcccaggtgc	atgattcgca	240
ggtcagctat	ttccaggtga	agtgccttat	gcttaaggaa	ctcttggcca	ttcaaaggac	300
ttttcatttt	gattaacagg	actagcttat	catgagagcc	ctcaggggaa	aggggtttaag	360
aaaaacaact	cctctttccc	atagtcagag	ttgaatttgt	caggcacgcc	tgaaatgtgc	420
tcatagccaa	aacattttac	tctctcctcc	tagaatgctg	cccttgacat	ttcccattgc	480
tgtatgttat	ttcttgctct	gttatctttt	gccctcttag	aatgtccctc	tcttgggact	540
tgcttagatg	atgggatatg	aatattatta	gacagtaatt	ttgctttcca	tccagtatgc	600
tagttcttat	tcgagaacta	tggtcagagc	gtatttggtat	atgagtatcc	tttgcttatc	660
tttgtagtac	tgaaaatttg	cccgaagtaa	ctggctgtgc	agaatgtat		709

<210> 4785

<211> 831

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(831)

<223> n = A,T,C or G

<400> 4785

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gtgccaacca	cagccagaga	gcgagtgcgc	gccacacaga	cggatgcant	gcantcacnn	180
gcgcggtaca	ccagcgagat	gcggagtgcg	ctactangca	cggactctgc	aatgtgagtc	240
accatgaaca	caacatgact	tgagggccaa	ctgactaang	acaagacatg	tattcttgct	300
gccccagggc	cttcatgcca	tgactccnt	gcnnatgntn	naacangagc	atcaccaaac	360
tacnctgna	nnaataccan	gactnatgat	aatggncctg	anangaanca	aagctctgna	420
cantggctna	tacnttgtna	tttncgtagc	tgaagcatgn	ggntcacctn	nnntcangan	480
tttggngacc	aacntnnnca	actntnactn	taacncatgn	cttttctaaa	nnntnaaant	540
tttaatnncg	nnntncaacnt	tcncaatntc	tggntttccc	nanntgctnn	gnnaggnaat	600
ctnnctntga	ntaaaantnt	ttnanacnca	anaaagntgn	agggtttcaa	nntaagcttn	660
aananttant	ncaaattnat	actttntttt	gngntnnnta	ntagnnnnnn	tnanaacnnn	720
tntntttctt	antnatatta	tnatagcnta	atataanntt	atantnatan	ncnatnnann	780
naacgtctan	anntttttat	ntcnntaaan	atttcttttn	naaggntntc	n	831

<210> 4786

<211> 793

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(793)

<223> n = A,T,C or G

<400> 4786

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ttatagtatt	gacgtgaatc	ccactgtggt	atagattcca	taatattgct	gaatattatg	120
atatagccat	ttaataacat	tgatttcatt	ctgtttaatg	aatttggaaa	tatgcaactga	180
aagaaatgta	aaacatttag	aatagctcgt	gttatggaaa	aaagtgcact	gaatttatta	240
nacaaaactta	cgaatgctta	actnttttac	acagcatagg	tgaaatcata	tttgggctat	300
tgtatactat	gaacaatttg	taaatgtcct	aatttgatgt	aaataactct	gaaacaagag	360
aaaaggtttt	taacttanag	tagccctaaa	atatggatgt	gcttatataa	tcgcttagtt	420
ttggaactgt	atctgagtaa	cagaggacag	ctgtttttta	accctcttct	gcaagtttgt	480
tgacctacat	gggctaatat	ggatactaaa	aatactacat	tgatctaaga	agaaactagc	540

cttgtggagt	atatagatgc	ttttcattat	acacacaaaa	atccctgagg	gacattttga	600
ggcatgaata	taaaacattt	ttatttcagt	aacttttnc	cctgtgtaaa	gttactatgg	660
tttgggggta	caacttcatt	ctatagaata	ttaagtggga	agtgggtgaa	ttctactttt	720
tatggttggg	gtggaccaat	ggctatcaag	agtgacaaat	naaggttaan	ggatgattcc	780
caaaaaaaaa	aaa					793

<210> 4787

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 4787

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tatgagtggg	catngtgaaa	atttggntga	atacagcaan	gtagcaagaa	aatnnCngnc	120
ntatntacta	canttaacct	ntatnaactg	nnnnngcata	tgacatccaa	atgttntatn	180
atnacctggn	aaanttanta	tagtntanga	tactaaaaca	gtatgnntac	aaaagtgaac	240
tnnctgtgca	nntntcacag	gnntttattca	tgtgacacta	tatantgcct	anngtcacnt	300
ntcanccang	ttcntctnna	gtgnaantnn	ntcnagngca	tctngcacag	atgctnnatt	360
gactanagaa	tgaatncnnt	gggcgnnnat	acntgggcta	actgcngnna	tn gatcatte	420
tananngcac	tnatgnanat	anccccatan	angccggaca	gacggtanac	atacnnanng	480
angcncaga	tncttttann	atgnatnatt	gagatttnac	cagtctcatg	tgccccgcgt	540
tnTgtgttnn	nctnanacan	gcngattnac	netgntctag	ncatcttgnc	tnnatcgnga	600
aataatgggt	cctgcctcca	tnataatgtt	taggagngaa	atgnaannan	ttcgcggtggg	660
cntgctngag	tgCnaaaggc	ctttacnngt	tgngancnaa	ntnggggnagc	nagtntncnc	720
cnnatngtac	gctccccctna	ncaatntccg				750

<210> 4788

<211> 716

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(716)

<223> n = A,T,C or G

<400> 4788

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aactttttcan	tctctctaaa	gaagatgatg	tccgccagta	tgTtgtaaga	aagcccttaa	120
ataaagaagg	taagaaacct	aggaccaaag	caccaagat	tcagcgtctt	gttactccac	180
gtgtcctgca	gcacaaaacg	cggcgtattg	ctctgaagaa	gcagcgtacc	aagaaaaata	240
aagaagaggc	tgcagaatat	gctaaacttt	tggccaagag	aatgaaggag	gctaaggaga	300
agcgccagga	acaaattgCG	aagagacgca	gactttctct	tctgcgagct	tctacttcta	360
agtctgaatc	cagtcagaaa	taagattttt	tgagtaacaa	ataaataaga	tcagactctg	420
aaaaaaaaaa	aaaaaagcct	ctagaactat	agtgagtcgt	attacgtaga	tccagacatg	480
ataagataca	ttgatgagtt	tggacaaacc	acaactagaa	tgcagtgaaa	aaaatgcttt	540
atttTgtgaaa	tttTgtgatgc	tattgcttta	tttTgtaacca	ttataagctg	caataaacia	600
gttaacaaca	acaattgcat	tcatttttatg	tttcangttc	anggggagggt	gtgggangtt	660
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<210> 4789

<211> 792
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(792)
 <223> n = A,T,C or G

<400> 4789
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 gatctcatca tatattatca aaagcacatc agtgccgaag aatcgggtcat ctaatgttaa 180
 aaccacttaa ggaatttgaa aatacaacat gcagcacact gacaatacgt caaagcttgg 240
 atttgttcct tcctgataaa acagctagtg gtttgaataa gtctcagatc ctggaaatga 300
 accaaaaaaa gtcagatacc agcatgctgt ctccattaaa tgctgctcgt tgccaagatg 360
 aaaaggcaca ccttccaacc atgaaatcct ttggtactca caggagagtg acccacaac 420
 caaatctgtt gggttctaaa tggtttataa aaatattaaa gaggcatttc tcatctgtat 480
 caacggaaac atttgttcca aaacaagact tcccacaggt gaagagacca ctaaaagcat 540
 ccaggaccag acagccatcc aggaccaacc ttccagttct gtctgtgaac gaggacctaa 600
 tgcactgcac agcatttgca acggcagatg agtatcatct gggaaatctg tctcaagatc 660
 tggccttcca cggatatgtt gaagtaacaa gcttgccctag agatgcagca aatatttttg 720
 tgatgggtgt ggaaaattct gcaaaagaag gtgatcctgg aacaatattc ttcttcaggg 780
 aaggagctgc tg 792

<210> 4790
 <211> 829
 <212> DNA
 <213> Homo sapiens
 <220>
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 <222> (1)...(829)
 <223> n = A,T,C or G

<400> 4790
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 ttnatggggg cctgcctgta agtgtagaca tgcacactca gctgacctta ctgntcaaaa 180
 gctggagaaa aagaaacagc tttcatacag tgcaaaactgt ctacgtctat gtaaaagaat 240
 ttgagaaaca tggcagtagc cattgctaata taatctgggt atgtgtaaat agtttaactt 300
 gatttttgac tctggngttc ggatctattt taagatcgat ggagtttaatt gcttcatgac 360
 agttcttatg aaacatgctt cnntatntcc ttgtgccaan gtntcgntta cagatnttnc 420
 naaangaatt nactctgcna aatactgnaa tgacnnntcn ngtnngacnt gttaggcgna 480
 acgatanatt tngagntnt ntcccttttg tatngatttg gnnttangat gcanganncn 540
 nattttcanc cnagngtggn catnaancct gacganaccn ctantntttt ttaannccctg 600
 tattaancac ctagantgcc ccgngngccn aaataactna ngneccacnt cntntaaaga 660
 acttctgnaa aanntagttn agnccntccn ggccnntaaa ntggggngat gnannaaaag 720
 ncngaaaacc nntgtancca ccccntantg gngcnctnn nnctattnnn tcnnccgnt 780
 nntccntac atatcttnc ctnaaatnct ttgggcntca acnaatccg 829

<210> 4791
 <211> 747
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (747)
 <223> n = A,T,C or G

<400> 4791
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 agtaataata atagctgaca tttaccaggg gctaccaca tgccaagcat catgctaata 180
 ttgccagggtc cttctgagtc antgtgaatg gcangagcac cacatgttcc tttntcttca 240
 gttcacacac attgagtgtc ttcattgtga agtaacaaca gagactgagg gcatatgtat 300
 tngntaaaaa aaaattttgt tactgggaaa atagccatta ctgggaaata gctttgttac 360
 agaaagtcc tcatgtggct gggcacagtg gctcacgcct ggaatcccag cactttggga 420
 ggccaagggtg ggtgggtcac ctgaagtcan gactacaaga ccagcctggc caacgtggtg 480
 aaactccgtc tctactaaaa atacaaaaaa attagctggg cttggtggca tacacctgtg 540
 atcccatcta ctccgggagc tgagggagga gaattgcttg aaccgggan gcngacgttg 600
 tagtgcgcca aaattgtgcc cttgcattnc agcctaggcn ngagagttag actccgtctc 660
 aaaaaaaaaa aaagggtgat ttaattaaaa ccagatgaac ccttncatga tcacgtgcta 720
 tgaattaaaa caanatnnna aaaaact 747

<210> 4792
 <211> 860
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (860)
 <223> n = A,T,C or G

<400> 4792
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 tcttctatnn tntcngnctc ntctatnata caccantgg cgaatccaca tncagggggt 180
 ctncacccaaa gttccaacct ccaaagtga ngactccgtg gaacagcaag ggnagggtgaa 240
 gaantaataa aagagaaaaga aangaanaac ngcanaanaa aangaaaana gaaaagaaag 300
 aactaaagtt agaaaaccac caggaaaact caaggaatca naancctaan aagcgcaaaa 360
 agggacagga ngctnacctt gaggtggtg gggaggaagt ccctgangcc aatggctctg 420
 caggggaanag gagcngaag aagaancatc tcaaggacag cgccagtgat tgaanangca 480
 cncntnggcg canggaatag gaancngan gcactnggaa tttgaaacac attctannaa 540
 gaaaaagatg aanctcccaa nancatnctg anggcgnga accanangac natgantgct 600
 tctgcaaaa ggttaattca actggtaatg gaactatttn aaagcaaatt ctgaaaccan 660
 gnccccaga caatgnaaat naccattcna taaagcctna ggnaaaaaat gttttatgct 720
 ccanttctta ccacaanntg acatnattga gccatnnacc atattcccna atgatggaaa 780
 cttccctang tncattcntt ttaacnaaga aaattcaatc cnannaaccc cttaaccttt 840
 naannttatt tanaagggnn 860

<210> 4793
 <211> 1222
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (1222)
 <223> n = A,T,C or G

<400> 4793

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naannngatn ntctnntnch nctnnnnnnn annnancnnn nnnntncannt ctatnnccnc      180
nnnnannann tatcnnnnna ctctnntcaa ttcnnnnnnn actnnnnntat nnnnatnnan      240
cnnntgynn annnnnnntnt catctnchcn nantnnchct atnnchnnat ctnannctct      300
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ctnatacacn atctnttcta antctantnn atnatnancn tccatcatna ttnntactt      420
ncanaccccn ctnnccctac nctnanncnt cactcccnnc cnatctntc tctnctatnn      480
natcantntn nnnccancca ctnnnacnnn ntactantct accnnncttn natctcnatn      540
natcatancc atnctctcnc nccacnnttc ncctnttaac nnnntnatnt caatanaatn      600
mctnancha ttactcnnc tcnctcttc atttntntta tctnctcatt aannnnnnct      660
ccnnctcan ntnnccntnt nntactcnnc natcccntaa ntntctcnca atcatactca      720
tctctccat anatactcan atcctatacn nactatcanc tanntcttcn antatatnt      780
tcattnttac natccctctc tccntcannt ntnaanacnn cnanntacnc ttanacttat      840
ntntanatac antcnnntnn ncncaatntc anatnttcta tcatnctnt aannatcctn      900
nntntnnnta taatcctanc nanccacann nntccnnta tntnnnnaca catntatacn      960
cnactnannt tctcnntcct natnacatan cccacnctnt ncatacanc ntncatntc      1020
ntnnntnta ttnttcanct antaaccatan tnanantcgt actnnnnann cancactncc      1080
ctctttatat tcatnatct ntacatacca tctannnann nacnnttcac nnatnctct      1140
ncttnaatta canncacnt cnntcatann tcgnttatat atcactctnt ncnanatcca      1200
ctntntctnt nntctcncc cg                                     1222

```

<210> 4794

<211> 1068

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1068)

<223> n = A,T,C or G

<400> 4794

```

ggngcccttn aaaatacccn gnttnnanac gcntngttac acncnctagc ttaaaagggg      60
gnggaacct atggtgcat tgactgtggc aaggccctna gccnagaagt tttgccttgt      120
agcacatcag ggtatatcat acagggaaag actnccttng tatgtccnga angngggcaa      180
ccctgntcac agaagtcagg actcattaga catcangaaa atncactcag gagagaaacc      240
ctatnaatgc annactgtg ggaaagcctt ncttncaaag acaangctca ntgtcannac      300
agaacnnaca cgggagagag accctatgnc tgngatgagt gtgagaaagc tnncttctat      360
atgtcntgcc nttgttaaac atnagcagaa tacactcann ggaagaaacn cnggnggatt      420
cannngaang nggaaatntc ctgaccacan ncanggtncn tntcnnnnag ttcctaanta      480
gaacaatggn gcnannnggg tanaaaggcc cctgntagna natannntna anaccttggg      540
nggcnnnnat ggatnnggnc nngtggggtn aatactgatg tgnatntctc nggntnancg      600
accantatnt tngcatntnt tcctattggn agnaatacct actntntaat ntcnnnatnt      660
nctgcgggan ntannntnt ttagcatctn ctatccataa nnnncnaaat ngatcatcat      720
atnntcnatg nntcatctn gtctnacact nttgggtngc catctgctnn agacatnna      780
ctntaanctn taaatnatc gctnantann acccanngtg ntnaccagcn gtnacnnch      840
gctnctcngt nngtatant ntcacnatca tantcantga atntanngan acngcatct      900
tntnannctg cctcnactc tatcanaatn aagttncccg aggnactcan antnactntc      960
nnntnttcn canaatgtat catnnnctcn nnanantatt ttgantgcan atcatngnan      1020
acntatgaan ccnaatcatg tntattncna nngcnttact tntnancg      1068

```

<210> 4795

<211> 816

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(816)

<223> n = A,T,C or G

<400> 4795

tttctaaatn gcttgggttt cnaaatccct tgggtgacgc cctcgccctaa nntggcgtgn	60
nantgcccnc gattcgctgn caagtctgga antcatattg gagcctgngt ngactgaaaa	120
ctcagcanga gttgatgtta aagtcttggg tctgaaattn gtngggcagg agattaggct	180
ggaaactcag gcagaatttc tgtgttacia tcttgaggca taattcttct ccaaaaaaat	240
ctccattttt ttctcttaaa gccttggatg agccttggat gattggatga ggactaccca	300
cattatctag ggtaatctcc tttgcttaaa gtaaaactcac tgtgttaatc acatcaacaa	360
aataccttca cagctacatg tagtgtttga ccaacaact aggcaccata gcctagccac	420
ataaaattac tatcattata ctttgtctta tcacatactt ctaccttggg agggatattt	480
cccagttggt atagctacaa aacagaggca gatcatttag cctgcattng attngtantg	540
aaaaataagc ctttgggtng ttttaaccact gaaaatgttt gcggcctatt agtantngca	600
caacttatcc tatnctggcc aaacatagaa tgctttcggg ttgcaaggta acangatccc	660
ctttacagnt gtacnaaaaa tnancnntaa aaaaactnga gccctntaga acntnntagt	720
ggagtcggan ttaacgttng ancccagacc ntggattang gatncattgg atggagtttg	780
gacataccac cancttgga tggcnantga aaaaaa	816

<210> 4796

<211> 1094

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1094)

<223> n = A,T,C or G

<400> 4796

cnnncaaana cnnnnnnnaa nnnanaacaa cgggggcgnc ncnanttcaa anctggnaaa	60
cnnntccnnc acagncnacg aacgaaangg cacnagcnng cnaggaaacc gccncngcnc	120
agcaaccgaa ggccaggnaa ttttnaanat cggngngggg ggacagnggg ggncaatatg	180
ggcggggnntn nnccttcaa acngnaaacn tncnngnggg cgggggganac cncggncacc	240
atggannaan tncnacaana ccgnggggaa gacnggntat gcaggcnccg ccataaancc	300
ccccctacta aggcnnccang gancaccaac agntggnggg cancaaaagc ntntaanaac	360
aanacctnac aanntcnca ncnntttngc ntatcccacc acngggganac angncaacgg	420
tggacnctcn aacaannaaa atnngaaaaa caaatctccc caanaatngg gggngnaacc	480
anngnnangn nanctnnaac canaccgtcn tgnaacnngc nccaatacaa ngggnnngnan	540
gnngncanaa cangcnngn accngcacgn aaggnggngg gcnnngnatca cancaaacag	600
acaatatcca cggcgcnacc cnnncacnnc ntnaacggga ccngagtag acacangcac	660
gaangccnnc ccngnccac ncccctgnaa ncgagaaaa naangccngg atacaaaaaa	720
ccccnaacca gccggnctn ncccccaac nngannaaag naacanaccn cacannngcc	780
nnngacaaan cncnacaana nngggnaaac aaacnctatg gganatcccc ctanggnang	840
cngaccggnn aaacgganna ncacaancta aacaancngt ncacgcaaaa aaaaacngcc	900
caaggcccca tcacngaang gaaaacnca nacggnnann anagnncncc taannaaann	960
ccnncnngn nncaatcncc cattcgaaaa ncnncnctn ccgcnaannn ggaanacnnt	1020
caaaaccccc cgannncgac nntatncagn aacannaaan ntgggtgnac cnncccnnc	1080
ctaanatc mnc	1094

<210> 4797

<211> 930

<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(930)
 <223> n = A,T,C or G

<400> 4797

ttttgctaac	cgctggcncta	ctcgntctct	nngcaggatc	ccatcgattc	gaattcggca	60
cgaggtggag	agcgcccagt	ttccagagta	tgatgacctc	tactgcaagt	actgctttgt	120
gtacgggcaa	gactggggccc	ccacagcggg	tctggaggag	gggatctcac	agatcacatc	180
caagagccaa	gatgtgcggc	aagcactggg	gtggaacttc	cccattgatg	tcacctttaa	240
aagcaccaac	ccctacggct	ggccacagat	cgtgctcagc	gtgtatggac	cagatgtgtt	300
cgggaacgat	gtggttcgag	gctatggggc	cgtgcacgtg	cccttctcac	ctggccggca	360
caaaaggacc	atccccatgt	ttgtccana	atctacgtct	aaactgcaga	agtttacaag	420
ctggttcatg	gggcggnngc	ccgagtacac	agaccccaag	gtggtggctc	anggtgaagg	480
cccgnnaang	gtgtgtttgn	ggcccaaccn	acnccaatag	ctggngggca	acacagaata	540
gntnctgtat	aataatagtc	tcattttcan	agaaanannt	tnntattccn	ctctnnnttc	600
ctaatenona	ntncttatta	ntntntaccn	tcnnnnnncc	ncctcatttn	cncnttttca	660
ttttatcntt	atcttatnnn	nntcnancct	actnntatta	ctcctnncc	nnantctcta	720
tncctacnac	cttntaatac	ctncttantic	tanacttcnc	nctctntacc	ntctctctca	780
tntctnnct	actctctccc	tctcttctnc	tccatattat	tcttctctnn	nantctntct	840
tntntctnct	tattancntn	cctntctntn	tctactatat	catcatntnc	tntcnanctn	900
anntntctat	ctcntacnta	ctcanacaac				930

<210> 4798
 <211> 801
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(801)
 <223> n = A,T,C or G

<400> 4798

aaaaagncag	gcnacntgna	gacanaagan	cccanngaag	aancncagga	aaagcccacn	60
ccgaaggggn	anacggacga	gccnaggcaa	aggncannaa	gaacagngat	ttacanacga	120
tntgcccnga	ancncnnggg	gngaaancag	nggcngggcc	accagnaaag	aaacnagnnc	180
gcccaggncn	nngangnana	cnanaaacgn	aaganganga	gnnagggggg	aancangaca	240
ggagaggcaa	aannaaaagn	nanananagn	ggcnagncgg	acngaagaaa	naaacaaggg	300
gngaagnaca	ngaacnaaga	aanagcaaag	anaacnnaaa	gngaacaann	ccagcgccna	360
gcannanccn	aggangcaca	naaaacagca	ccaagaagac	ngnannagca	ngagagngna	420
agagangggc	cncacgggga	cacacnaggc	aaacgcgana	agcagnacng	gncnaggngn	480
cgcgaaagnan	aagagacnca	aggggagang	agcanaaggg	aacgggnngc	aggaagaaga	540
caangnaacn	caggaacgaa	aaagggannc	agaaagccgg	agaanaacac	ggngaganag	600
naccaaaggc	naanaaggng	acaangggca	agagacanan	accangnngg	acnnaagang	660
cnacannagg	naaaacanna	gangaaanag	gggaacanga	angnaaaagn	gaaannnggg	720
ggaaaaganc	aaacnaaaca	gaaaacgggn	nnggaaaaan	nacaannгаа	naacangngg	780
ncaannggaa	nnaaagggga	n				801

<210> 4799
 <211> 813
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (813)
 <223> n = A,T,C or G

<400> 4799

gnnnnttttna	annncggttg	tttcnatgta	ncattttacna	gntcttttttg	caggatccca	60
tcgatcgag	gtccacagcc	gaggtcganc	ancggcacag	cgaggtcggc	agcggcncag	120
cgaggtcggc	agttggcaca	gcgaggtcgg	cagcggcagc	gaaggtcggc	agcggcncan	180
cgaggtcggc	aancggcagc	naaggtcggc	agcgggcccc	cgctgtgctc	ttccgcggac	240
tctgaatcat	ggcnaaccac	nggccacgat	ggcgacctcg	gctcggcgcg	aaagcggctg	300
ctcaaaanag	gaagacatga	ctaaaagtgg	aattcgagac	cagctaagaa	gtggatgtga	360
ccccacggt	cgacaccatg	ggcctgcggg	aggacctgct	gcngggcatct	acgcttacgg	420
ttttgaaaaa	ccatcagcaa	tccagcaacg	agcaatcaag	cagatcatca	aanggagaga	480
tgatcatcgca	cagtctcagt	ccggccagga	aaaacagcca	ccttcagtat	ctcagtcctn	540
cantgttttg	gatattcaag	ttcgtgaaac	tcaagctttg	atcttggtc	cacaagaaan	600
ttggctgtgc	cagatncata	aggggcttct	tgcttntcgg	tgactacatg	aatgtccant	660
gccatgcctg	cattggangg	acccaatttt	tggccaagga	catcanggaa	cctgggttta	720
cggacaacat	gttttcncgg	gcacttccaa	ggcctgtgtt	ttganatnat	ccttncaaaa	780
aaccctaang	gacacctgct	nttnaaaaat	ttg			813

<210> 4800
 <211> 776
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (776)
 <223> n = A,T,C or G

<400> 4800

ttnaatnctt	ggcttttcan	aatngctgga	ngactngttc	tttntgnang	accgcacgag	60
cacgaatncg	gcacgaggtc	actntgnaac	ccagactggg	agtgcancgg	tgtggncata	120
gggnnctgng	cctgganang	tntgntcgag	ntgtnatcnc	nantttgntt	ttgggtctgt	180
agcttaanna	tgcnananna	ngatgcnnnn	anngtntntg	tnaganatgg	ggtntancna	240
gtttnnncna	ncngnnttca	attncatggg	ctcaantgaa	ccnctgcnn	ggncnctna	300
ntatnnggga	ctnncagaca	tgngnnanna	gtncctgggtg	canatctcaa	tattanaggt	360
aatatgnnat	agtgatatcn	atgacngtac	catttgnntc	aaaatgtgaa	aganataccg	420
ctgaagttn	tatgtncnct	cttccaantc	nagccgccat	ntcnntcnac	tcngcnanta	480
tgctgactca	naatgaatga	tngacatttn	ngntantncn	gcacccatc	nagtgtctatt	540
atnnctanan	atntcnataa	ttnnctngnc	cctnnancct	acanncntng	tcgnatgtnt	600
atccnncttn	ntggancctt	gaaannttcg	atagggggaa	cntgatnagn	gcagtntnac	660
anaatgnttg	cnanttntna	ntcggaaana	tcnaattngg	gnagctgnta	aacancnngg	720
gcntacacctt	ntaatgtncn	ngggtnntna	antcaaccng	gntncngaaa	aanaac	776

<210> 4801
 <211> 720
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (720)
 <223> n = A,T,C or G

<400> 4801

tnnnnnntttt	naantcaatn	ctggctctcg	ttctttntgc	aggatccctc	gattcgaatt	60
cggcacgaga	tggcagttgc	ttttgaagta	tatgatgact	tcctccacta	caaaaagggg	120
atctaccacc	acactggtct	aagagaccct	ttcaaccctt	ttgagctgac	taatcatgct	180
gttctgcttg	tgggctatgg	cactgactca	gcctctggga	tggattactg	gattgttaaa	240
aacagctggg	gcaccggctg	gggtgagaat	ggctacttcc	ggatccgcag	aggaactgat	300
gagtgtgcaa	ttgagagcat	agcagtggca	gccacaccaa	ttcctaaatt	gtaggggatg	360
ccttccagta	tttcataatg	atctgcatca	gttgtaaagg	ggaattggta	tattcacaga	420
ctgtagactt	tcagcagcaa	tctcagaagc	ttacaaatag	atttccatga	agatatttgt	480
cttcagaatt	aaaactgccc	ttaattttta	tatacctttc	aatcgccac	tggccatttt	540
tttctaagta	ttcaattaag	tgggaatttt	ctggaagatg	gtcagctatg	aagtaataga	600
gtttgcttaa	tcatttgtta	ttcaaacatg	ctatattttt	taaaatcaat	gtgaaaacat	660
agacttattt	ttaaaattgt	ccaatcacia	gaaaataatg	gcaataatta	tcaaaacttt	720

<210> 4802

<211> 1117

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1117)

<223> n = A,T,C or G

<400> 4802

atnnnnnnnn	nancncatnt	nctantcctn	acnantnnnc	ttncncntnn	nnntnntcctn	60
ananttggna	ntagnggna	ttcnaatncc	cagctntngn	ncnttttgca	ggatcccatc	120
gattcgaatn	nggcacgagg	aggaattcag	ctatcagctc	tcttcatgag	tggagtagac	180
atggccttgt	ttgcaaatga	ngnntgcnga	caaaccaatc	ccctgggaac	actgttgtcc	240
ttggatgtat	tttgatggga	agctcttcca	atccaaactc	ctcaaagcca	gccgggaaaa	300
gaccccactc	attgacctct	gtgatgggtc	agctgatcag	gctgccaagg	tagagaagat	360
gncccatanc	gtcctcnaaa	gggctcagct	tctncaggca	nagccacann	cttncctttt	420
ccgncgtcac	ctgcncgtct	cttttaccct	tgtctntggn	taccccccctn	nactttttan	480
nccnnntncc	aacccctntt	aatggcncnn	ngncantaat	gctnttttnc	ttncnnttct	540
nttngnnctt	nntctcctan	gncccccctc	attatngcgn	naaanncaen	gactatnttn	600
ntctnatggg	cntcccttta	accnccnctg	nncacactnc	tcnntcntan	tntnnatntn	660
tctnncatnn	tanncnctc	aatatcntcn	ccatcacnnt	atctatcctc	mngtnccnt	720
ctnnctnant	tnnnatcana	ttttctattt	mncnactcat	ntctctacna	tcntantnta	780
tnnntatcaa	tctcananta	nactantatn	tcantntnct	acannatata	atatnctctt	840
ttnatntntn	tnntnatcat	ntanatnate	tnctntnnat	anctacatct	ctctntctnn	900
ncatntcatn	tagatacann	tanatntagn	taattatann	ncttnttctt	anttnnnnnn	960
nttncntnt	catcncctn	nnncgtannn	ctctccnntc	attcnattca	tacttcnnat	1020
tgatnatnca	ntannccatc	ataatntcac	ntccctcata	ncttnttctn	caanntatnn	1080
anattctcna	tatttcntta	tctatananc	nttgccn			1117

<210> 4803

<211> 781

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (781)

<223> n = A,T,C or G

<400> 4803

```

ttcaaatngn aggcctctngt tcttttttgca ggatcccatc gattcgggnag antcccatnt      60
ctnnetgctg acgaggggacc tgcttttggtg agtncgggaa ggcccaggga gtngngggcat      120
gcnggctnct nattcactat ggggnttcgc cntggacacg tantcaantg cgcattgctgc      180
tgcccatgtn tncctgcccc acttcaccca nttgggggct gctcaagggt ngnnnggcnt      240
cngtggtggt aggccagtat ttanacaagg ctctgtacat gacacncaac tgtgctnana      300
gtnccttcnc tcngactaca ccnatgnttt nacagtncct tnttgnnnnn tcntnttact      360
acagtgcnan aaccnnaatg ancntttntt tcctgctnna tgccnnnnnn antnnngac      420
nttntgttaa tgttaacnaa gtgtgtacac tttaaancca catattgtat ggtntcctgt      480
annatnangt gccngaacat gnacatttcg atanccanag attagattan nggttntcat      540
angggctgggg gaannggcat ancttagtga ttggtaatga tntgggattt nttttgggaa      600
tgaatgaaaa tattctaaaa ttngttgggn nnttatccna attctacgaa atattnttaa      660
aaaaccacn tgaatttgnc tactttaagn agagtgaat ttnatgtcct tgttcctcna      720
attaagcttg ngnaaaaaga tcgtaaaanc nngatnnnaa ntttctntna nntngnncn      780
t                                                                                   781

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```

<210> 4804
<211> 753
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(753)
<223> n = A,T,C or G

```

```

<400> 4804
aagctcttgt tcttttttgca ggatcccatc gattcgaatt cggcacgaga aggctgagac      60
anganaatgn cntnaatngn ngaggcagag cttgcagtcn ntctgagatc acnccactgn      120
actncaaccn gngagacana ntngactcc ntctnatacn atgngaacc taaaatatgg      180
gntttntgca cattccagat ctcaanancn tgattctaan tgaaagatgg caatatncca      240
tcagaccagg tntntctag ntccntntta cgaaatgtcc acaaattggca ggatcttcag      300
antcctagtn actgctantg ntncnaggaa tntttntnng gngactanna tgtntctaaan      360
ctnantggag gtgatggtnn aacnانتngg tcactncact aagaatcatt nnatngnnac      420
tctatntggg canatantat ngcnaatgta ccttaatan atcatgcttn aangtcaatt      480
aatccactca tgaanttnan cctctananc tnnagtgan ngtattacgn ncatnccnac      540
ttgntnagat ccttgatga ntatcggact aaccntnat cttatgcagn ntacaaaaat      600
gccttttnna gggnaaatnt gcgatgctat ntgcnttate cntaaccatt tgtacnntcc      660
catttaacag ggttaccnnc catccaattg gcaatngatt ttatggnttc ntggtttnen      720
ggggttngat ttgngaangt ttnnttantt tcc                                                                                   753

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```

<210> 4805
<211> 740
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(740)
<223> n = A,T,C or G

```

```

<400> 4805
agggnnnnnt tttnagatac agctacttgt tcttttttgca ggatcccatc gattcgaatt      60
cggcacgagg ttgatcatn ggncaaggtn ctggngagaa ctgcctntgn ggntagctga      120
ttnnnggggc cttcatatga acganctggn tggagcactc acaggactca cccgggtacn      180
aagattccaa cangatgatg ctnacatatt ctgtgccatg gancagattg aagatgaaat      240
aaaaggttgn tnggattttt tacntacggn tatagcgtat tnggatnttc ttttaaacta      300

```

```

aacctttnta ctccccgga aaaattcctt ggagatatng aagnatggga tcaagctgag      360
aaacaacttg aaaacagtct gaatgaattn ggtgaaaagt ggganttaaa ctctggagat      420
gganctttct atggcccaaa gattgacata canattaaag atgcaattgg gcggnaccac      480
cagtgtgcaa ccatccagct ggatttccag tngccatta natttaatct tacttatgta      540
agccatgatg gtgatgatna gaaaaggcca gtgattgttc attgagccat ctggggatca      600
gtggnaagaa tgattgctat gctnacanga aaactattgg nggcaaattg gccttttngc      660
tgtccctttg ncaggtaatg gtagttccag tnggacccaa ctgtgatgaa tttcccaaaa      720
ngacnacacc attncacgat

```

```

<210> 4806
<211> 824
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (824)
<223> n = A,T,C or G

```

```

<400> 4806
gncnctttca acttcgcccc ttttnaaacc cgttggttcaa atcctcgttt caancccntc      60
tgcaggatcc categatctg aanncgcacg agggggnnnn ncgtggcnaa ttgcgngcag      120
tacccttcna gcnengngna aagtgcagnc anncgtaaca catgcggcan acngcannga      180
gcanaatgnt aatgnccact tcttgantca tnccagaact cccttaagcc cacaagtttg      240
tnnnngnnaa ggtcaantct aggaacncng ccgngnaacn ggtntctcaa tnnagncatc      300
cttanttctg gcatanacan gagngttctt aaaacnmctc cngtaaagca agncatntct      360
ganntnctg aggatcattg ctcccgnata cngntgntgg ggtgagcctt caggagang      420
ggaacagaat nngtactag ggtcganagt caananacta aggcnccttna ncaacatctc      480
agagcanann atttgnggag cccttggaac gntactgggn aatttantca gtgngcattt      540
ntnaagactg ggnccagggg tggantnate tnttggegan gggnncntag ngcctcanca      600
caacactgng cnagcccngg acttagnaaa cccctgcana aactggnnna annngcctnt      660
taaaantncc ccanangtnn acccennaag aagcncggna agcccnnaaa ctnccaaacc      720
aaccnctntc tttcctcnnn naantnnaca ncntgggggt ntgcnttggt nnnaaatngn      780
nccnanaant gcaccagntc nacnntagtc nnggggnacg gnnc

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<210> 4807
<211> 745
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1) ... (745)
<223> n = A,T,C or G

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<400> 4807
tntagatata gctcttgttc tttttgcagg atccctcgat tcgaattcgg caccgagattc      60
ctttcatggt acagtattta ccccaagtca tgattaaata tctgtttata tatttcttta      120
ttggattatt tgtttatttt tctctctcta gactgcaagc tccttgagca gaccatgttt      180
attttgtcta ccacaggtgc tcaataaata ttttgacta tttattacat gagaaggttt      240
ccatgcaaac acccattgaa tacgattgaa cttgaaccct aagagatggg ctgtgacctt      300
tgttgccctc aaactaatca aaggggagtg atattcacca tccagaatct agaataactt      360
anaccttggt ggccaggagc tagctaccca tatgataata caagagctct cagagaaatc      420
atggaagttt tgagcaatct ctctctccct ttgctaattt acttttcaaa actgaagtat      480
aatgggaata acttccccac ctctcaaagt tcagcatgct ctgaaatttc atgttctctc      540
aggcgagccg attcatgttt tccattccac cctcttctac tgggctctct atgcccttcc      600

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tacagtctcg	nttnttttac	cctgggcect	tttncctttg	gggctcttga	ttgaaaaaat	660
tgctgaactg	tagctttngg	aagtttaanc	ttttgagaac	ccgtagantg	atttcagttc	720
ttaggaaaaa	taaaancccg	ttggn				745

<210> 4808

<211> 713

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(713)

<223> n = A,T,C or G

<400> 4808

tnnnncttna	aatnganagc	tacttggttct	ttttgcagga	tcccatcgat	tcgcttttta	60
acaatctggg	gctgtgttgc	ttctatgccc	agcagtatga	tatgactctg	acctcatttg	120
aacgtgccct	ttctttggct	gaaaatgaag	aagaggcagc	tgatgtctgg	tacaacttgg	180
gacatgtagc	tgtggagata	caaatttggc	ccatcagtg	ttcaggctgg	ctctgggtcaa	240
caacaacaac	cacgccgagg	cctacaacaa	cctggctgtg	ctggagatgc	ggaagggcca	300
cgttgaacag	gcaagggcac	tattacaaac	tgcatcatca	ttagcacccc	atatgtatga	360
accgcatttt	aatttttcaa	caatctctga	taagattgga	gatctgcaga	gaagctatgt	420
tgctgcgcag	aagtctgaag	cagcatttcc	agaccatgtg	gacacacaac	atttaattaa	480
acaattaagg	cagcattttg	ctatgctctg	attgttcctt	agaccacata	tgttcttatg	540
aagcagcatt	atgcaagggg	aaaaaagcac	tatgtctgtg	tatgtatgta	tatagtgtaa	600
tacgtatatt	taaacaacc	tgctccttgat	attaagttaa	ngtgacacat	aagggtgaca	660
cagaatgtgt	aatgcaaatt	tcatagtaat	agtaacttta	taaaataata	tta	713

<210> 4809

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(765)

<223> n = A,T,C or G

<400> 4809

gnnggnnnnn	nnnttgcnaa	tgctaggcta	cttggttcttt	ttgcaggatc	ccatcgattc	60
gaattcggca	cgaggtggag	ctcacctatt	tggaatatgg	ggcatttggt	ttttccactg	120
caatgatttc	agtctggttt	catcatgttg	gaattcgatc	acaccatttt	caaacaatgt	180
taacatagtc	cagcttttgt	ttttctcatc	tcttctgaga	ggagactcac	tgtttctgtc	240
tgaggaagct	cataccctcg	gcaaaacatc	aggacaaata	aagagaaatg	ggggtacgca	300
ttcccaacag	aagcagtgtg	ttatttggtt	taaaactctg	aacagagatc	ttggaaatct	360
ttcaaaaaga	ccattgaatt	cttcattggc	tgagaacgac	gtttttaaata	gtcttaaata	420
aggctttgtt	tgcattgttt	gagttcaagg	ggccttatta	ttgaatggaa	ttgcacaagc	480
ctttctttgt	gcaatcaaac	cattgntatt	ggtagttctg	taaaggaaac	tgtggaatcg	540
aattggcagt	ggagtcataa	atctatttac	tgagtgtggc	ttccaagaaa	atgttgcaat	600
tcaaaatgcc	taaagtctgt	gatttattn	gagatttggg	agattcttaa	ataatatatt	660
ttaaaaaact	tccatgccaa	cnttcttggg	ttaaattggt	tggcaacctn	ccccttgatn	720
aaaaaaatta	aaaccaggcc	caaatggtn	tcaaatttaa	aatct		765

<210> 4810

<211> 800

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (800)

<223> n = A,T,C or G

<400> 4810

aananggccn	ggcnnncnng	nnnngccnnc	gnaagccctt	tnangnaac	ccctctggga	60
angccccc	cggcggancc	cngcgccgng	gnacncggca	cgnggcagac	nanacnanag	120
gttgacgnc	cnttttcgan	caggngacgc	acnacnngg	cnggggganc	cccangccgg	180
gcagncggc	cggggggccc	gccacgaaga	acgcgggccc	gggcgcccnc	accnnggccg	240
cagataccan	caacgggcag	ggggcggnct	nnngggccag	caagaagggc	gaaaangagg	300
ccgacgntg	ccnggcgcgc	caccacgant	ggcaccnng	ancggggaca	cgcgagagag	360
cangtggggg	ccgcgacaca	ggggagacgc	cggagccgng	ggacangggg	ngagaaccac	420
agnncnnag	cncgccagcg	ccggnaacag	ggcnggnctc	cangcccna	ggcnncgacn	480
cgngcaaaac	ngcnggccna	ccggncncca	cantgaaaga	cnggaggaga	acgggganng	540
aangacnggg	ngcangaggg	ntgagnnggc	caacangngg	cnaacaaang	nnccacnacg	600
cccngngnga	nggcagngnc	agcgngggag	aaggaggacc	ncaaaggcga	cgnggcaggg	660
acgcacnggg	naaaaccccc	aanaggcang	gaggggacnn	ggcgnaaggg	ccggggagggn	720
nnngaagggg	ggcccggngg	ccngggcccc	nngnaccenn	aagggccncn	nggggggggca	780
aananngccc	nnnngaacna					800

<210> 4811

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (741)

<223> n = A,T,C or G

<400> 4811

ngttgatcaa	gctcttggtc	tttttgcagg	atcccatcga	ttcgaattcg	gcacgagcac	60
agaccagaa	cctgctatgc	ggaacaaggc	tgatcagcaa	cttgtggaaa	tagacaaaaa	120
atatgtgga	ttcattcata	tgaaagcagt	ggctggtatg	aagatgtctt	accagggtaca	180
acaggcaatc	aacacatgcc	taaaagatcc	tgtaaggggg	ttcagacaag	acgagtcctc	240
tagcgctttg	tggtcacacc	tttactccat	gatccgtgga	aaccgccaac	acagacgagc	300
ctttcttatt	tctttactca	acctctttga	tgacacagca	aaaacagacg	tgactatgct	360
cttgtatata	gcagacaatc	tagcctgttt	tccataccag	acacaggaag	agccgttggt	420
tataatgcat	catatagaca	ttacactctc	agtttctggt	agtaacctac	tgcagtcatt	480
caaggagtct	atggtaaagg	acaaaaggaa	agagagaaaa	tcatcaccta	gtaaggaaaa	540
tgagtcaagc	gacagtgaag	aagaagtttc	caggcctcgg	aagtcacgga	aacgtgtaga	600
ttcagattca	gattcagatt	cagaagacga	tataaattca	gtgatgaaat	gttgccagaa	660
aattcagctc	ctttaatcga	atttgcaaat	gtgtccaagg	tattttatta	cttctcatgt	720
taaaacaaca	tttgaagaat	c				741

<210> 4812

<211> 817

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (817)

<223> n = A,T,C or G

<400> 4812

aaatntacag	tttcnngacc	nttgggcagg	catcccatcg	attcgaatnc	ggcacgnagg	60
atntactggc	cnattggaat	cnnaaacctg	anttagaaag	gctcaacgag	ancangctnt	120
cagggctgct	aaggaagcaa	aaaaggctaa	gcaagcatct	aaaaagactg	caatggctgc	180
tgctaaggca	cctacaaagg	cagcacctac	ncaaaanatt	gtgaagcctg	tgaaggtttc	240
aggntntcaat	gtntactcan	gatggaatga	tnnangcatc	tggctcacgn	tgaagggctc	300
gcntnaccna	tnacactgtc	gtcctgcanc	acannncag	catgnntgtn	ctntgcttca	360
aagnctgana	anctcttcat	ntcnatttgn	ntnacacnct	gcntgacctn	gccctctnat	420
acnacntgtt	tctaaccn	acntnttccn	tctatntnt	tntcctngcn	aangnncata	480
tgngccnagn	cngcncngc	ctcacatctc	gtgctcntgg	cncttntgc	tgctgaaac	540
tcccttgnct	tacgtntgtc	tcntngggta	ngccctntcn	ctntttcnag	acttggntcn	600
aangtgtaca	acatntantg	tnnangcctt	tctnnaggat	canctaantg	nntggacacn	660
attantaagn	cttntctnta	antacttnnn	attcaattng	ctccttcata	cattcntgnt	720
aaattgttcc	ctantctggn	nagcaattan	atngcattnt	tantagttnn	gnntcccntn	780
tntgnttaat	gcctcnctta	tngggcggtg	ngggctcg			817

<210> 4813

<211> 1359

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1359)

<223> n = A,T,C or G

<400> 4813

ttngnnaaaa	ntcnntana	atcnactttn	tggnnatact	tcggctentat	anctaganga	60
naaggggnat	ccccantcn	gnatctcggn	acntnttang	ctaactatna	gctatnnnat	120
tntttacnca	tgnattctac	tannntcat	ntataataac	nncctaaatn	antcnaata	180
nnaagntnnc	tnngggan	antctnnnna	tnntngantc	nannnnannt	atntcaatta	240
ncnccataac	taanatanta	tntatntnna	tnttantnt	actantnnat	annacttann	300
nantactnnn	natacnanna	tatannanan	acnacnnnt	tntntntnt	tctntaaatc	360
aannnnntc	ntatattact	ttncnnattn	tnnatnatnn	tnnatnnnat	ananncnnt	420
tattntcnnn	nataatcnnt	atttnnanna	taactnctaa	tcnaatanna	tnataacnnn	480
cctatcatat	aataagaaat	acnantcctn	nnnnncnnnc	tancatctt	nnttcnnnt	540
natanntttt	ntgatnncnn	atcantntna	atacctntat	actnatatnt	tatcatntnn	600
annntnannn	caantatatt	natnanaacn	aaactactcn	actntntcna	nttaancaaa	660
nanntantcc	atatntctnc	annncnntga	ntattanana	gatctntnac	tntatancca	720
nannnnattg	nncanataana	tatcantact	acataaant	ctacnntnac	tnntaactna	780
naannnnact	atnactcgat	tntctatnca	cttatnncan	nactactacn	cataacanca	840
gtntntcgcn	tacntatanc	gagtnatctn	nttttaaant	tatatnacat	actcnanaat	900
ancnatcnat	nattactana	catatnatca	actatatang	tnmagtanaa	atcatctttt	960
naattntntaa	ctaacagnnt	atnaactana	tgnatatnaa	tacatanant	atncaaactc	1020
ntnntcaca	nogttataaa	ataacctat	aanattgntn	tatacagnan	atacttatna	1080
acttngnatt	ntatatntcn	cntctaanna	taccattata	atgcnatnac	actatntaat	1140
actatanang	ctanatcgtn	nnatgnntct	cncncttatn	tacnactgcy	antcannnnc	1200
ntnttatcgn	tctcatncca	ttntaccnan	catanatata	cccatattat	antantntgt	1260
nannctntat	atatntatat	natactnann	ttngnnatnt	catatntnan	tctcncagat	1320
nntacanntn	tnatantatn	aatgcctata	ntacatnccg			1359

<210> 4814

<211> 858

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(858)

<223> n = A,T,C or G

<400> 4814

cttgaattcc	cctaataaaa	cggtttggna	agcccnatnn	ctntaggnnn	ncnntgcgnt	60
nacgatnecn	cacgaggggn	ccactgacca	cnantatgtc	gnacntttna	caanggcctg	120
aactaactn	aanaatnna	aancatenna	acggancggc	cctgcctnaa	cngacgacgn	180
ntccenttga	gnnatagccn	ngcccnact	taactgagtn	attaacctg	tatnntntnc	240
ttcngnnggc	tcagaagctg	atngantnan	cncnatcacg	accatcganc	ttgctcncn	300
nagancnncc	cagtnaggnt	nattnagnat	tnnctnccnn	nancntatna	naatggccgc	360
tcccttgatc	nancnatcng	tgactctcat	ntactggact	catnccacct	gcacccangc	420
gnatntaaan	atccccatag	ntcacnnnaa	tnataanaca	taaattagga	tacanacctg	480
attganatgt	tnnagctgaa	caggntntac	cnctgnann	ctcttgggng	ttactatgg	540
atatgaacnt	cactttgaaa	actgggann	nnaacgggga	tnctttaa	nccttnttgc	600
tataggcnaa	tanttncgg	gagaggntgg	agtatcnnng	atgaancaat	tcanttttac	660
tgaanaaagt	gggcncggnc	tngaattccat	agggnaaaac	canttggtta	nattatnggg	720
ttccaacgna	annctgagn	taacnttcca	aanggttgn	aagantttgg	gaaggcntga	780
atgggancaa	ngggggtcc	cnatccaaan	aaattgtcaa	ntttcaagtn	cctnggcct	840
ttntnaaacn	ntngaant					858

<210> 4815

<211> 716

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(716)

<223> n = A,T,C or G

<400> 4815

tgnnttttg	nttcnaatgc	nngctcttgt	tctttttgca	ggatcccatc	gattcgcgca	60
aacttttcan	tctctctaaa	gaagatgatg	tccgccagta	tgttgtaaga	aagcccttaa	120
ataaagaagg	taagaaacct	aggaccaaag	cacccaagat	tcagcgtctt	gttactccac	180
gtgtcctgca	gcacaaacgg	cggcgtattg	ctctgaagaa	gcagcgtacc	aagaaaaata	240
aagaagaggc	tgacgaatat	gctaaacttt	tggccaagag	aatgaaggag	gctaaggaga	300
agcgccagga	acaaattgctg	aagagacgca	gactttctct	tctgcgagct	tctacttcta	360
agtctgaatc	cagtcagaaa	taagattttt	tgagtaacaa	ataaataaga	tcagactctg	420
aaaaaaaaaa	aaaaaagcct	ctagaactat	agtgaagcgt	attacgtaga	tccagacatg	480
ataagataca	ttgatgagtt	tggacaaacc	acaactagaa	tgacgtgaaa	aaaatgcttt	540
atgtgtgaaa	ttgtgtgatgc	tattgcttta	tttgtaacca	ttataagctg	caataaacia	600
gttaacaaca	acaattgcat	tcattttatg	tttcangttc	anggggaggt	gtggganggt	660
ttttaattcg	nggccgcgcg	ccaatgcatt	gggcccgac	ccacttttgg	tccntt	716

<210> 4816

<211> 767

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(767)

<223> n = A,T,C or G

<400> 4816

naancnatag	ttcntgtnt	ttttgcagga	tcctctgatt	cgantgcn	tnaagnancn	60
gncaggnct	annctacccc	cattactggc	tgntgttcta	tnaggtctn	atganggnan	120
ctgacnnaga	ccgtgnnagt	aacnttggac	tctnctncan	tnactaaga	ananacnaat	180
gtgggcnngc	catntgccc	netcgtntga	ncacancnan	nnaagagnct	ccagcatggc	240
aattgcnatt	caccnnga	gctgtncatg	aagngaactn	ngtctnngng	acggcattcc	300
nacctgngcc	natgccc	atgaggantc	nactggannt	cnagaannnt	gctnntgngc	360
ctcntnaang	gcnntgtat	ngctcaccat	ggagccctng	nggncnttgg	acntnannta	420
ctatgacagg	ccanancact	gactgaccan	cntngatgac	ggctcntgt	tacctatgaa	480
ttganntgca	tnananctng	agngatcaaa	gttacnannt	ggtacacctc	tnnctcagng	540
atctctcagg	tnnctcgatn	tcaannctta	atatntacan	ngctaattgc	acttagaccc	600
tgncacgttc	tngatgtnan	acntccttga	cnnnatngtn	acatntttnt	tcatgnctta	660
aaagtnaatt	ggtngcanag	tttctttcna	tnccggatgc	tctgctntta	cncaangata	720
cgngattnaa	tgtnaangnt	cgtcaggaag	nttttantga	acttnct		767

<210> 4817

<211> 1154

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1154)

<223> n = A,T,C or G

<400> 4817

ngggggagg	ntgaggtgta	aanannctcn	tanntattta	ccaagcctta	ctntgggttt	60
ctttttttgg	gccaggggaa	ttccccattc	gnatttggng	gaaatttcgg	gcnaccgaaa	120
ggcagcaagg	gtntntggtn	ccacttgggg	gttgccaaag	gggcttaaan	aatgncttcc	180
aagtttaaaa	aggccagngc	aaaaattaac	cgtngggggt	cgngcttgga	aaaaaaatac	240
cgtggtcaat	tttcttaag	gttgtggatt	tatttggcaa	agnttnaaan	aaatggaaat	300
tggatgnttt	tccaacnaaa	ntaaggggtt	atcttgtaaa	tttcaagggg	gtattagcca	360
caccaatttt	taaatggtaa	agccnaana	aaggatggtt	ttgtnaccac	gtttncnaaa	420
naaaaattag	tnacctggta	tccanntccc	aagtgggtcc	cacttttcnc	ttcctaaacc	480
tttccttggc	cctaccgcca	acnagcacca	ctttananat	tancnttgcc	accgaatttn	540
cctngaagcc	acngggaaaa	gggaatacct	tttacttgga	ccctgggtttc	accgaaancc	600
gaccttnttt	agaccctnaa	tgaaccctta	ttttcactng	ggttnantaa	nacctttgtc	660
ntttggggcc	aggnccttnt	ttcaaccctn	ggaatgcttn	aagggtngga	aaactaggan	720
ttaccnaaac	ccttgggccc	tttcantngn	aanntnnacat	accccatctg	gttngtgcta	780
cctttngggg	attaccccat	tnctttannc	cccngnantn	ccangngtn	ccatcantgg	840
ttcctangta	aaatnncgga	aactttctta	annngnangg	acttgaangg	ncanagnang	900
aaatttngcg	gtagaataac	cctnnnaaan	ngtcnnaatn	tgnttaannt	ncttttaacc	960
ttgaaaaatc	ntagcncnca	cttggttanc	tntttgcccc	ntttnncccn	ncnnnannt	1020
tggcactttc	cgntattccc	ctnanaaaaat	ttaccngctn	gacatatntt	nactccngt	1080
gccnttnggt	tnanaccacc	accntgnta	gtntcccaaa	cttctnccct	catgctacnt	1140
ctacggggag	gtct					1154

<210> 4818

<211> 766

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(766)

<223> n = A,T,C or G

<400> 4818

ttnnnnnnnn	gtnttttaag	ntacaggnta	caannccctng	gctactngtt	ctttctgcag	60
gaanccatgc	gcntngcaat	gctgancnag	ggctntnntc	atgtatccac	tggnntctgc	120
cncccaaant	gctngactgc	agnngtgtga	tcatggctna	ctgcnnccct	gacctcctgg	180
gctagagcan	ntngccttcc	tangactctc	aaantgctgg	gattacaggt	gtgagccana	240
ngngcgtggc	ctctttttac	nnnattgna	nnnnaattat	tanggnannn	tcnaaggcnn	300
aatgnattgn	cacctncnt	gctcacctnn	gacttgaccn	gntganctca	tggnatcnna	360
nnaccncatn	ctttcnanna	gctntgacta	cnagcagcac	accancctan	ccngctagtc	420
tgtatggcgg	agcacacaca	tggaatcaac	tcgtgtgccc	aactcaggta	gaactacngt	480
actnaagnga	tncnnccgtc	tgnnncnna	nggtgtcnng	nttacacntt	tgagcnattn	540
cacangggnn	atntcntcnn	tnntcaaate	ttacaccttg	ggctangctt	ggaagtgtaa	600
ngnatatanc	tgangacncc	ttagnntttt	gaagctncat	tgagggtnc	tgtaccaann	660
atggncgcat	ccaactggnt	tccatcttct	taatcagaaa	tntnacattg	gngcagnnga	720
aaaaaaaaaa	agaactcgag	gccttanact	atagtgaagc	gtntng		766

<210> 4819

<211> 579

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(579)

<223> n = A,T,C or G

<400> 4819

ttaagccttt	gntatctgtt	ctttttgcag	gateccatcg	attcgcgcaa	actttncant	60
ctctctaaag	aagatgatgt	ccgccagtat	gttgtaagaa	agcccttaaa	taaagaaggt	120
aacaaaccta	ngaccaaagc	acccangatt	cagcgtnttg	ttactncacg	tgtcctgcan	180
cacanacggc	ggnntnttgc	tctgacaagc	anngtccaag	aanagtaacc	ataaggctgc	240
agaatatgct	agactcttgn	cntcagaatg	aangcngctt	ggcgnagccc	annaacacan	300
tgcaagagc	ctatgctgcn	tctctgtagc	nntctctaan	tatgatcnnn	nngaaatcat	360
nntatgannc	caatgataan	acagcttaag	aacngggaaa	nccttaactt	ccagnnatcg	420
ctatctcngn	agatctntat	tggcannnnc	tgangnaaga	tggttatctaa	atgntgtcgt	480
tatgtcnctt	actgatncag	tacacncttn	atcatttgta	ngntgtgngt	tggagtctaa	540
ttggcnnnc	ttcttnccctn	acctcttagt	cttatgtga			579

<210> 4820

<211> 1028

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1028)

<223> n = A,T,C or G

<400> 4820

ccccgccgn	anaaaactnnn	cnnatnnang	nnncnnaann	caccnnncan	cnnnanannn	60
gnacgnnnan	ncncnnngca	cnnnanacng	canaggannt	gncncncgga	ttnnccntga	120
acctggaaac	cgcntctanc	aggagncnng	cgattcgaat	tcggcacgag	agnncacagg	180
nnntgcgncg	acnanngcta	aangcnanaa	cgggaaanga	gaagncgngg	annnggngag	240
ncgatgacng	gacacancnn	atnngncaag	nnggacgctt	gnnnacgcag	cnggaccnac	300

anggtgcaag	angccntcga	cnacatanaa	nnaccanaaa	aaaccnagg	cacgnggcac	360
ntcccccg	agnaangcan	cncnnnggga	nngccgacag	ngctgagaaa	nngcngnaan	420
ccaggaggtg	gaanangnac	gagcaccnga	naggcgccat	ngcctncan	nnnnngcann	480
nancagtga	ctntnnncac	angaaacaac	acnacagana	gtcaagcacc	nnaaaanctc	540
antacacnnc	cacaaggagc	gcnnntggac	ccngctncta	agncggangt	nggnntaaga	600
cnatcgngan	cccaccaann	tcnttgcca	angnnaaaaan	angcnaaaan	nggncntgn	660
tcggcannnn	gcnaantagc	antgaaaaaa	nccggnncca	tnaaaaanca	acgggnncaa	720
ncctnntnan	ngngngnngc	aanagngggg	gcncaaanag	naaaccnna	ttgcacgcgn	780
aggtnnntaa	ttagaggng	gcancggga	cancacncgg	accgnaanta	nggccncna	840
canaaactnn	acccaaatcg	cccaggga	ncgnaaacgn	gacttttnac	agaacttgn	900
ancgnacgaa	ccccncgann	agtnacanaa	ngcagnnaga	naaaaaantg	ngtcngcncn	960
nnangnngnc	tcataggga	cnnaaanaac	ataggganac	acaccngag	cnaanaanat	1020
taaggcg						1028

<210> 4821

<211> 832

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (832)

<223> n = A,T,C or G

<400> 4821

antggnaann	ngggcaanaa	nncccttaag	aannactgaa	nggaaaagcc	cgnagcgnnt	60
ggngngaann	gggacngag	gggnnggang	aggggtaca	gaccgnttt	tggncgncgn	120
nttncganga	ncgangngg	ggnanntngg	gggggnangn	naagggcg	cagngggana	180
aagatgcgg	ggcgaggcca	ngaaaggang	gaagggaaga	ngggaannaa	gncaggngnc	240
ccnngggcaa	caaggaggn	aggggnacag	gnagnaaagn	ngnggaagng	gaccggagca	300
gncnaaacng	ggagngnaan	aggngggaag	naanggagng	ngcanaagnn	gagagagagn	360
acncagngna	gaaacaggcn	nnagagaagc	agcngngna	aaaacnggc	ggnannagng	420
anaggagag	gaggnannaa	aggcangnga	aaagaaggan	ggcagangga	aggannngna	480
anaagccan	gagagnnggn	nnacnagaga	anggggcaaa	ggcgacagg	gggaaaggna	540
aaggganggn	agaanngnag	ggggcnngaa	gnaacgagac	gnngganngg	ggaggnanaa	600
nggnnaanna	gagggngaag	gaaaggacaa	gnggngngana	gnggnnagac	gnangcngaa	660
naggagggga	ggagnaacng	agnagangga	ggnangngga	agggnggacn	gggnncngga	720
gngngaagg	ggngannnaa	ggnnngggan	anggggnnnn	aaaggggang	nannaannnn	780
gnaagaggg	ngggaggnna	agggngggga	gagaggnngg	agggcgaaaa	cc	832

<210> 4822

<211> 1036

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1036)

<223> n = A,T,C or G

<400> 4822

anngacngnn	naaacnnnnn	nancnnnnnn	naaannnnng	aaanngaagg	naacannaan	60
nngnnnnncg	aaaaannnga	anacaacnnn	cannnnnnann	acaccaggng	nanaagnang	120
naaaggaacg	cgcnncn	nnncnnncgn	ngngannaacg	aaancggna	ngacgntgaa	180
anntagaatg	cacagannta	nannancnna	ntagnaaaca	tcnggnnn	nnannangcg	240
acatntntnn	ccgnttgga	acgcttgga	atctccgacg	canagagaga	gagaagagct	300

```

nncaanancn nagatagnna gnancgnana natanangnn gtcannnnna naggnnngaa 360
acncnnncnt ctanntnncn gctnnnggct cacagnnggan agncaacgan ggcagaagga 420
acatgagcct gatgaagaga cnggaaaangg agcacctgnt cctgnacctn caaagagaac 480
agnccaaaga aatacaccca agcanggang ctgagagatn aatancagag agaggactnc 540
cancctnaag gcangnatna nganaaggca aaanncaaag gtaaaggaca tgagagctga 600
agacttgang angctaata gacacangga gcaactgggca cataggctan nccctaaact 660
gnagntngag ganattatcg ncagagcaga ataccnggga agtaaaaagg aagnncagac 720
ctgnnnaaaa cgaantcgan tagaaccnnc cctanatata catgaagaat nntgntagca 780
natnatgatg aangctgcng gagaanaaan gaaacactga aagtnacnnn antacngaatt 840
tnagaaccn nnntggacaa anntatactg anaagngaga atggctngcn nncangagnn 900
anagttgaan ccctaacagn acgagcaacc ancagagaaa nngnnnaana aantnaacaa 960
cntgggcntn ggaaaagaaa gcaaggcaaa gcccgcagga nnaaanaagt nnatgaaccc 1020
tagnnaaaaa tggang 1036

```

<210> 4823

<211> 711

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (711)

<223> n = A,T,C or G

<400> 4823

```

tnaatncttg ctctcgctc tngcaggatc cctcgattcg aattcggcac gaggctacac 60
tgtgggggga agatgctgat aaatttgatg gttctagaca gcccggtgtg gctatcaaag 120
gagcccgagt ctctgatttc ggtggacgga gcctctccgt gctgtcttca agcactatca 180
ttgcnaatcc tgacatccca gaggcctata agcttcgttg atggtttgac gcagaaggac 240
aagccttaga tgggtgttcc atctctgatc taaagagcgg cggagtcgga gggagtaaca 300
ccaactggaa aacctgtat gaggtcaaatt ccgagaacct gngccaaggc gacaagccgg 360
actactttag ttctgtggcc acagtgggtg atcttcgcaa agagaactgc atgtaccaag 420
cctgcccgac tcatgactgc aataagaaaag tgattgatca acngaattgga tngtaccgct 480
tgtgagaagt gcgacaccga atttcccaat tttcaagtac ccgnttgatc ctgtcagnaa 540
atattgcana ttttnaagna gaatcantgg gtgacttggt ttccaggagt ctgctgaanc 600
tatccttgga ccaaaatgct gcttatcttg nggaattana ngacaagaat gaacngcctt 660
tgnagaagtt ttncntaat gccaaacttg gaatctttca ttattagaag c 711

```

<210> 4824

<211> 820

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (820)

<223> n = A,T,C or G

<400> 4824

```

necgccntn tttaaanccg gcaanctttg gaancccttg gaaagccccg nnnccaannc 60
ggnacgaggc ngggnnnttc ctgntacang caaaanccgc ttcgagggac cacatttttt 120
ccccgnaac ccgccgccng ggaggggaag annntnaacc tgggcccggc acaggggtanc 180
ctnganann ctgtgaccgg aaaggcgccc naccgggant nagtggctcc aantntcaat 240
gcanccccc acccnnagtt gttttnatcc tgagaaaaaa aaggaggagn gaattattna 300
aanttaaang aggananccc ntcentggaan ggcngcngac ccttctctga gaaatgggga 360
gcacntgagg acacaggtgg gtggaggccc nntgtgcgnn gctggtcgga ttcnggcage 420

```

```

cctccgtcnc ttnttataaa acnttgggng agaagantat attganaatg tcagtgaaac      480
aagccnecat tggnaatgga ggcncagann acnccacaag gagcccttct gcntataaaa      540
ncnagangca aaaaaccttt ttnaattnnt gtnaatnaaa aggaaagact tgntaggtct      600
anateennanc tggnggtggg nnnacggggg agaacactgc naacagggan aaanggnngn      660
gcacacaana aangagtggg cgaaatttgn ccangtggac ccagccgggg aaaaaacnna      720
tanaaaaaaa ctcttcatag anccttttta aaaaaaaaaa aaaaaaaaaa cttcngnccn      780
cagaaaacca annggaggng acctatnccn nnagaanccg                               820

```

<210> 4825

<211> 895

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (895)

<223> n = A,T,C or G

<400> 4825

```

ggnnnngant gnntttann ccttgcaaac gnntcgctga gggancgncc gaatncggcn      60
cgcgaggagaa ntnanatngt ncatggmata nncngtnntt tgtntgntat acagtgcntg      120
nnnngnaggg ggntccgtac tgctagnnan gaacgtgcat tcacaggggt ataaanataa      180
cgatgttagc accaanccnc ttcnaccctn caataggggt tnagatgcnn nanatggang      240
ntgcctattt aangnntntn nnntgcncna tatnngaatt ncngaggacn acttannncc      300
gaaanntnta cttnccgnc cgnanggcgg aaagngntta tttttgatga ctncgtgggt      360
ccgcncngag agctcctgct ttgectgcgc ctcccgttct aaactgtnac cctttagttt      420
tngannaccn nccccgncct gggaacgggtc tgacnntcnc tcgaaaanag gaagtggctn      480
aanggcnggc ttcttgacnc gngnatcgga tcctnnggcc cnnccccntt ccgttncaan      540
cttgcttntg caacaagcga tngntnacgc ttttnactga nntcttttat ntgcctattt      600
nggatceccg ngttccntgn aacnaaaang nccnggcgga ngtcaccnat aaaacctgtt      660
ccccttgctt acaanaagca nnganggtgc ccgtcngngc cctgggtcttg nanaacangg      720
ntgttgggga ancntaaact nccccacatt tgatggaana cncattttca tnnanccatt      780
nttaaaaacn gggngtngn gcaacgcaa nncctactcc nactatcca aagntccan      840
ntattggcgg ggcattcttc attggaaatt ntggatngaa ngaaaccctt ctctt          895

```

<210> 4826

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (759)

<223> n = A,T,C or G

<400> 4826

```

tttcaaactg cttggctact cgttctttct gcaggatccc atcgattcga attcggcacg      60
aggcctgtna ttccancatn cncngncan aatnnaanan ggagncetta ggntcttaat      120
gtgaacaggc agnngattan gctgggcaat caggnagaan ntccgctgtt tcantnttna      180
ggcatgtttc atgattcaaa ntactctcca ncccttgctc tcaatgcctt gcatgagcct      240
tgnatgattg nattaggact accnanatta ncnncngtna tcncccttgn tnaaanngaa      300
ntcacnntgt atgtnacann atnctaatac ntcaanaggg acnngtattt tctgacnaaa      360
nagctaggca nctnaanata nccanattat atcnnnatcn ntngnccctt nattantaca      420
tacgnanacc tngtaaggna tntttnncan tggacattgc tacagatcag ntgacgatta      480
ngtanccctc ataantaatn nanngcattg tacnttnacn gatcggtctn ccnctgncat      540
gntnccgttc ctnagtana canagctent cgtattctgg ncnntnncc gntatcngtt      600

```


nntaatgcan	atataccctat	gcaggntntcc	catatnnntn	tnatnatgca	tatagccttt	660
tgaangctcc	ccatntnata	tgncatatt	ccaccatag	aatnttncc	tnnncgnact	720
ttggncacat	gtaagncttg	gtnacccaan	ntaatcatc			759

<210> 4827
 <211> 767
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (767)
 <223> n = A,T,C or G

<400> 4827						
gaaanccct	ttgttactnn	gtncctttttg	caggatccct	cgattcgaat	tcggcacgag	60
ggggattcat	aattccagac	aggtagagaa	cggttttatt	tatgtagaga	cagagtctcg	120
ctctgtcgcc	cagctgaggc	ggggagaatc	actttgacct	gggaggtgga	ggttgcgctg	180
agctgagatc	attacactgc	actccacctg	ggcaacagag	tgagactatg	tctcaaaaaa	240
aaaaaannaa	aaaaaaaact	cgagcctcta	gaactatagt	gagtcgtatt	acgtagatcc	300
agacatgata	agatcattga	tgagtttggg	caaaccacaa	ctagaatgca	gtgaaaaaaa	360
tgctttatct	gtgaaatttg	tgatgctatt	gctttatttg	taaccattat	aagctgcaat	420
aaacaagtta	acaacaacaa	ttgcattcat	tttatgtttc	aggttcaggg	ggaggtgtgg	480
gaggtttttt	aattcgcggc	cgcggcgcga	atgcattggg	cccggaccca	gcttttggtc	540
cctttantga	gggttaattg	cncgcttggc	gtaatcatgg	catagctggt	tcctgtgtga	600
aattgttatc	cgtcacaatt	ncacacacat	acgagccggg	acataaagtg	taaagcctgg	660
ggtgccta	gagtgagcta	ctcacattaa	ttgcgttgcg	ctnctggccg	ctttccaatc	720
ggnaacctgt	cnggccactt	gcnttatgaa	tcggccacnc	cgggggn		767

<210> 4828
 <211> 719
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (719)
 <223> n = A,T,C or G

<400> 4828						
ttctaatttn	aatccctnaa	atnggttctt	tntgcaggat	cccatcgatt	cgaattcggc	60
acgagagaac	acaggtgtcg	tgaaaactac	ccctaaaagc	caaaatggga	aaggaaaaga	120
ctcatatcaa	cattgtcgtc	attggacacg	tagattcggg	caagtccacc	actactggcc	180
atctgatcta	taaatgcggg	ggcatcgaca	aaagaacccat	tgaaaaattt	gagaaggagg	240
ctgctgagat	gggaaagggc	tccttcaagt	atgcctgggt	cttgataaaa	ctgaaagctg	300
agcgtgaacg	tgggtatcac	attgatatct	ccttgtggaa	atttgagacc	agcaagtact	360
atgtgactat	cattgatgcc	ccaggacaca	gagactttat	caaaaacatg	attacagggg	420
catctcaggc	tgactgtgct	gtcctgattg	ttgctgctgg	tggttggtgaa	tttgaagctg	480
gtatctccaa	gaatgggcag	acccgagagc	atgcccttct	ggcttacaca	ctgggtgtga	540
aacaactaat	tgctgggtgt	aacaaaatgg	attccactga	gccaccctac	agccagaaga	600
gatatgagga	aattgttaag	gaagtcagca	cttacattaa	gaaaattggc	tacaaccccc	660
acacagtanc	atctgtgcca	atctctgggt	tggaatgggtg	acaacatgct	ggagccaat	719

<210> 4829
 <211> 887
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (887)

<223> n = A,T,C or G

<400> 4829

```

nntttaaaac cttnttttta acccttttta aacctttcaa ctaccgggct ttttgcaaga      60
ncccatcgat ttcgaattcc gcacgaagga aaacatggca cttnttnttg ncatnntaa      120
cgggccctgg ccgctnaccg gtggaaagta caggtcctga caactggggt ncctgatggg      180
cctgggtgac attatctcac aacaacttgg tggagaggcg gggctctgnag gaacaccang      240
agaggcccgg actctgacca tgggtgtccct nggctntggc tttgatggcc ctgtggtagg      300
angctggaca anggtttgat cngancatnc ctgncaccac caaantggga tgccctgaag      360
aaaatgttta tggatcangg gggctttgnc cccgtgtttt ctangctgcn ttntnccact      420
nggtatgggg cacttaatgg aatggntaac ncagnacaaa nttgggccca aactacatgc      480
gggattatac tagntgcctt tatcaccac tactntntta tggncntgct gtgccagntn      540
nccaactttt annntgntgc cccttnnatt ncaaantgg ancgngncc aaantgaanc      600
ntnttttttt nttgaacctt cctacctntc cctgggaang gcncaatatn gnttatnaaa      660
nccttgccct cannttcnan tngtnttccc aacctttntt aggggnntac aganttttgn      720
nccccatggg aancnaggac aataacaaan ctcttcttaa aantgggggg antaaccccc      780
ntttctacna gnagtttggg tttttcccg tgncaaanan tttantaaag gaatttggca      840
ccccttggaa gggneccent tttanttctt aaaaaangtc cacctgc      887

```

<210> 4830

<211> 858

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (858)

<223> n = A,T,C or G

<400> 4830

```

tttctaattc tngctatcgn agtnntntaa gnncanttct aatacttggc ancncgatnt      60
cgcnnnanca tncnatacag tntnctctg nncgaggenc ccangtncat ggctnnatnn      120
anggccatcc atatgccagc tgggggccag gcnacantgg ccatattgnc tgnagcnnga      180
atggtgcccc cctacncgaa ttgaanggct aagagtccca gatagctagg ccagagctgn      240
aagcatacag taaggggaan agctgtctcc acagganagg gatagattcc atctcactgc      300
gcancctggg aggaggcang gatcctgnca cgctaagcct naggcaccan cctccctgtg      360
ctcgacatgc aaagtcatga ctctncttg ntgagnactg agctaccttn tactgtctcca      420
aancnnacta acagctctcc aanccttgg ggtgactcga gatccnanga nctgtngact      480
taantganga tantcagtc tgttctgcn nggcaggcca nttcctncc tccaanaanc      540
nnnatctttc naaacctga anntgtancc tntctnattt acccagctan tttaanncca      600
aatnttanaa anntannena atacnttac tccnaaacca cttttgnctt cnttacctga      660
tannngnngn nctatactca cnnttttagcc ntaaanngaa nccttnctnn annagcnnat      720
ttgtcntttt ancttggnaa actttctatn tanaatnacc atccaaannt tnnngnannt      780
cnttaatntt ttanccnanc tacaatnnaa canctntaac ctnantcctg taantcnnac      840
aaaattnttc nntancct

```

<210> 4831

<211> 1786

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1786)
 <223> n = A,T,C or G

<400> 4831

cgncncncnc	cnncccccnc	ggnnncngcn	nnnacnnncc	ncnnccngcn	acgncnnncnc	60
naccnnnnna	ngagcncnng	ncgnnannnc	ncgccnacna	ngggntcgng	ncagcngnnn	120
ccangncnnn	cnnccngnng	cncnggnann	gcngnancnn	nnannnnncna	cnnangctac	180
nncagcnanc	nnncnngcng	anagnnncnn	nnnagcgchna	ncncgcncnc	ncncgcnanc	240
ccaacnncac	gnncannccg	gncnngngna	cnggnncccc	nancntnnnt	cncnttttg	300
ccaacnccgc	ctgggcancn	accnntnntc	gcncagnaa	cgngngnang	ggnnccggnac	360
nnccnccgnc	cccanngncc	cntntncncc	ngnagnntcn	nnnnncananc	cncagcanan	420
cncanancn	cgccccnggg	ggnnnnccgna	ccnccnnnca	cccgcgnagn	gcncncncan	480
nnccgngccg	ctcccnncnn	cncgnacccc	ncnnnnngnc	ccnccngccn	gcccncnnna	540
nnngccnann	ccnnncnccc	nanacacnnc	ngncgagnc	cnnnnnnncnn	cncnccnncn	600
ccccnnngnc	agacnactcc	nnccnncncc	agnccnccnc	nacccgcenn	ngnnnnctcc	660
nnccgcangc	annncnccng	ccnncccccc	cggnnctggc	acacgacnnc	cncaccgcnn	720
cnnccccnnn	nacnacgnng	cncncnagcn	nnacnncan	anncanngac	ncngacacac	780
cngcngaggc	aacacgcncn	caccnnnaca	cncantnac	gcacccgggn	catcacgcnc	840
gcngangcnc	gacngagaca	acncagcnnn	nnccnagann	nacacgcngg	cnacagactc	900
tcncacgnaa	cgccannnnn	gcacctccnc	nnnacacna	ngcaccgcng	anancnccgc	960
acnnngngng	ctcanacgca	ncangeccgn	cnangtcnnc	ngacgcnncc	nctcnacncc	1020
gcgngncncc	aacgncgcgc	cancnngac	gncgncacna	cngacgncac	nnnnacacaga	1080
naggacncac	tngngcgcan	nnccnccncc	cgncancncc	cgacgcnagt	atanacnatg	1140
cnnngnccgc	acacannnnn	cnaaccngc	cgngccncc	gctctcgngc	agnacacgc	1200
ggngcgctag	agccnngcat	cntagagcac	gcgcannnt	ccngccacat	ngcacancnn	1260
canacnngcc	cncnncnnnc	agaccnccnn	nccanctccn	ganaccncca	ctcacaccnc	1320
nctnccgcgc	aanagnnnca	gganacgct	cngctctnca	ctgnganacc	gcangacgnc	1380
ccttnccnct	canacnncn	gncacagnca	cncnccnccg	nacacnncn	nnccatccg	1440
ngnnatcncn	ncnannnacg	nacannccgc	gcaccngcac	gcacaccann	gnnccgacga	1500
ccnccnccgt	canacctgcg	ancngctcat	gcgcgctntc	tacacnccgn	cngtncnacc	1560
cncgaccgnc	acagnnccnc	gctnccgntn	cnnccgcncc	gcgcgntccc	ancnncaggc	1620
nnctacnnnc	cagntatccn	gngtnnnngn	caacgencag	cgntctcnn	acanncccga	1680
ngcgngngcn	ntnccnnnga	gagcaccag	ntanncaacc	nnacnccaga	naactcnacc	1740
nactcgntca	cagntcgcg	gtcnaccngg	atacaccgac	cccacc		1786

<210> 4832
 <211> 759
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(759)
 <223> n = A,T,C or G

<400> 4832

tttatgncnt	agtgaactct	ttgggaagca	nnccccatcg	attcgctcag	attaaggggt	60
ttgaaaaaca	aaccgaaaaa	gatgggcntn	attnagcctt	acttgattga	cgttgactta	120
atcagagggg	caacatttgc	caaagcaaaa	cctgaaattc	catggacatc	tctgactcgg	180
aaggggcttg	ttcgagttgt	attttttcca	ttgttcagca	attggtggat	tcaggttacc	240
tctttaagaa	tctttgtttg	gctgttacta	ctttatttca	tgcaagttat	agcaattgtc	300
ttatatattg	tgatgcctat	tgtgaacata	agtgaagtac	ttggaccctt	gtgccttatg	360
ctactcatgg	gaactgtcca	ctgtcaaatt	gtgtctactc	agataacaag	accatcagga	420
aacaatggaa	atcgaagaag	aagagtttgc	ctcttgttgc	ccaggctgga	gtgcaatggc	480

```

gcaatctcgg ctcactgcaa cccgatacct cctgagttca agcgattctc ctgcctcagc 540
ctctcaagta gctgggatta cctgcgtatg ccaccacacc cagctaattt ttttttttga 600
atttgtagta gatggggatt tcacccatgt taatcangct gatctagaac tntggacct 660
caggtgatcc anccggcttg ggcttccaaa aggactggga ttaccagcgt gagccactgn 720
acccaaaccg nctaaacctt ttaaaaaagg attatttgg 759

```

```

<210> 4833
<211> 772
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(772)
<223> n = A,T,C or G

```

```

<400> 4833
ccaacgcngg ctacttgttc tttttgcagg atcccatcga ttcgaaattcg gcacgaggat 60
tagtactagt tctatctgga aaaagcccgg gttggaagaa gctgtggaga gtgcgtgtgc 120
aatgcgagac tcatttcttg gaagcatccc tggcaaaaat gcagctgagt acaaggttat 180
cactgtgata gaacctggac tgctttttga gataatagag atgctgcagt ctgaagagac 240
ttccagcacc tctcagttga atgaattaat gatggcttct gagtcaactt tactggctca 300
ggaaccacga gagatgactg cagatgtaat cgagcttaaa gggaaattcc tcatcaactt 360
agaaggtggt gatattcgtg aagagctctc ctataaagta attgtcatgc cgactacgaa 420
agaaaaatgc ccccgttggt ggaagtatac agcggagctc tcagatacac tgtgtcctcg 480
atgtgcagaa gttgtcagtg gaaaatagta ttaacagctc actcgagcaa gaacctcctc 540
gacagtactg gctagaagtt tggatggatt atttacaata taggaaagan agccangatt 600
taggtaatat gtcgatgagt aaatggtgga ggatgggagt caaaatcaga attatnggaa 660
gaagtatttc ctgttaactat ngaaagantt atgtatatat acatgccana aatatatatg 720
tgtgtgtgtn tctgnnggat gatatatgta tatctcttcc tatatatatc cc 772

```

```

<210> 4834
<211> 833
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(833)
<223> n = A,T,C or G

```

```

<400> 4834
ggnnnnnnnn tttttaactc ntgccttttg aanncccttg tacctcncnn ngganggggc 60
cctngtttna attcgctncn acccanngat gggccagngg gngaacttnc ttgagtatgt 120
cgcenttccg gnggncgtn nctnngttct acnnagaacn cttngagggc tgaaaataaa 180
tntggaagat nganacaccc tntgnnggtc ctctctgaga caaatccatn tgggtgggtaa 240
ttgnacanta aatntttttt gntcaaatnt nnaaaaaaaaa aanangcctn tacaactctt 300
gtgagtcntn ttaccnccat ccnnacatga taatgataca tatgatgatg ttggnacaaa 360
ccaacatcta gaagtgcgnt tnaaaaaaan gctntntttg cgnaanntnn gatnctnttg 420
nttnntnga nncnttgng cctgnataaa caagttaaca acgacanttc tttcattagg 480
ggagtcngna tnatggtggg ggccangnan gngttcntga atctngcntc gtctcctnca 540
ggncatntnc acnacacccg aantttgggc atntnttttt gncntntgaa cggnnnctng 600
gngttnatca aggatatnnn ntttctgtg tgcaaaattt gtcccctcnc naattccacn 660
ctngcatgcc atcccgnat cattnaaggg taaaantcct ggggggnggc cnatgacagt 720
nngcncaacc tencatttgn atngctggtt ggancataa tggccctgct attttanttg 780
cgnggnanaa catnnctngg ggcctntngt gncatntaan atanattggg gcg 833

```

<210> 4835
 <211> 773
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(773)
 <223> n = A,T,C or G

<400> 4835
 tttattccat cagctcttgt cttttgcnga tccctcgatt cgaattcggc acgagattct 60
 ccctaaatag taaatcccac tgtatacaaa actgttctct tgttctgcct tttaaaatgt 120
 tcatgtagaa aattaatgaa ctatagggaa tagctctagg gagaacaaat gtgctttctg 180
 taaaaaggca gaccagggga tgtaatgttt ttaatgtttc agaagcctaa ctttttacac 240
 agtgggttaca tttcacattt cactaatgtt gatatttggc tgatgggtga gcagtttctg 300
 aaatacacat ttagtgatg gaaatacaag acagctaaag ggctgtttgg ttagcatctc 360
 atcttgcatt ctgatcaatt ggcaagaaag ggagatttca aaattatatt tcttgatggg 420
 atcttttcaa ttaatgtatc tgtaaaaagt ttctttgtaa atactatgtg ttctgggtgtg 480
 tcttaaaatt ncaaacaaaa tgatccctgc atttctcgaa gatgtttaaa cgtgagaagt 540
 ctggtaggca aagcagtctg agaaagaaat aggaaatgcn gaaatagggt ttgtctgggt 600
 gcatataatc tttgctcttt ttaagctctg tgactctgaa atatatctttt gggttcttca 660
 gtgtgttttg acaagacact tgatatttct atcaaacaaa tgactttcat attgcaccaa 720
 tctttgtaag accactcaa taaaagcttt taaaangcaa aaaaaaaaaa aaa 773

<210> 4836
 <211> 855
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(855)
 <223> n = A,T,C or G

<400> 4836
 gccnnttgan nccatcanct cttgttcttt ttgcaggatc ccatcgattc gaattcggca 60
 cgagggggcnc aaannatntc ntgatgacaa anancctctgt atancagggtc antcncagtg 120
 ttanagtct cagttgcttg cttggggaac tngngtccct aatgngaata gnntgctnga 180
 ttgctcnggc nctgntactg tgacagtgtt tttagacctg tgttncataa aaaaanatna 240
 atgcncgtgaa aagggtgttg ggaggggtgg tcanataga aacanagatg ttanggtgtt 300
 tagatttang gttggnaaca aggtcatctt tagtcaaccnc actgggnagg cagcatttgc 360
 tacattggcn nactaactnc cnttgcctann nnttttcang antncaanna cntgtgnatc 420
 ntagtatnnn agnntgaaat nantttccac cannagcggg cattgtttct atcacagcat 480
 aggctatgtn aagcnaactc tannatgata aatgacaccc nntnttatct attngcatcg 540
 acccccgctc ctacaagaaa gtnaccaaaa attttncctg ggcattgntgg tnggggcacc 600
 ctgtnggtcc ccagctatctt caaaaaaggc ttgangngng ggaggaatca cttggacccc 660
 cggggggggg tggagggttg canttgannc caaatcnacg cccactgcan tccccgnctt 720
 ggggtggaca caagngagac cccattttta taaaaaana atnaanaacct cctttggnaa 780
 cnngggggna aantctnttc tttttnanga anttttctng ntnggacttt ggggttctc 840
 tatgactttc atntc 855

<210> 4837
 <211> 932
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(932)
 <223> n = A,T,C or G

<400> 4837

nnnnnnngann nnanagannn nnnnnnnngan nanntcctnt tnnnntagga nttgnaaatn	60
cctcggttcta aatncttggt aaacncctng ctnnanggtg cgngccactn tgtccgggnc	120
gaggggtgggc ncacacncta atntcnctgg gtccatggta ntncnatta ngcatgctgt	180
gttnntgcan atgatgtant acganatcca cgggtgttngg ttaatgattt attcactcat	240
tagtcattcc acaaaactagt ctngagcacc ngttatgnac ccancactgt gctggaatgc	300
tgaggagaca ggagtgaagt aaaaagacat ggntccngca ggaaacaggc aaggagagcc	360
ttgacttgac ggantctggc aatancgcca ggctggaatg caatggcgcg atctctctc	420
actggancct acgntcnng ggntnaagca antctactgc ctcagnanct ggagtanctn	480
ggactacag gcnnngccta ccacncgcnn atgagaaaac ttnnngccac agagagggtga	540
aataagttag atgcttncta acctaattgcg anaaccncgt gaaaagattt ttggcaacct	600
gaaaaatccc atnctnnntt gaggattnta tngncaaccn gnaatcaant cttaggnaan	660
atgaatgccn ntccgggant aaattcnatt tttntnatc tccannaag gaaggaaaac	720
ntnnnaagcc tctangaatn atnnngnctt nctaaccng ngtantcaaa actnttncn	780
aatctattgg naaacccgat ctagannttt ttnaatnacc ntnaaaatct nnaaaagaaa	840
gnncaatnag tatnttattc actcgaaaag tctccaaanc ncnntaaaag aactcnantg	900
gaccaaacta cncnttgng gaannttaan cc	932

<210> 4838
 <211> 1358
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1358)
 <223> n = A,T,C or G

<400> 4838

ttgngngaac ccnnntttt tttnttaaaa aaaanccccc cantttcccn aangggccct	60
taacctccng gttnttgtn tntnttttta ctgatnngaa angagcanaa cncncagatn	120
gntnantgta aanttttcta tcnncnccn aangtanctt nctttgtatc caaccnnggt	180
ntagtcgtct cnnncntaga ncttaantat ataannnata aacacctacc gtgntatann	240
tntgtacann tannnnncgc gcgngngca ncnnangtca tatanacct gcgccanatn	300
cttctacana ctacancnt atnanggnnt nnataaagtt ctttaataacg catcatnntg	360
ttcaacaact ggggtagcta tantgaacan tctnancan naannatngn ttcncaaaaag	420
ganaancatc tcnntatang antaccctnn ntttgnncaa tnataatnaaa tcnntganc	480
nancncngt ntgnntnaa gnnntgaatc tngncaatat gttggnnnnn gentntnnn	540
tttnanattn anaaacctg ncntnatnat ncatgtggta tgnnaanacg tncnttaaaa	600
taggnnnaag acgnnccnat tgccnnacnt tatanaatnt cntnnnncca tnttgctcga	660
ttntgattac aaatattgnt gcngannngn anaatnacct cnatcttgat nccttnaat	720
annnannnaa anaattnnnt nctttctnnn tcacacnaca ttcnncgta ccntnatnat	780
ctttgtnnna cgtcattgta cnaacaactt aatgtagctt tggnanacnn aacaatntcc	840
tctctttggn nnnanggnat gcacncattt ccnnttgnta ntaacctann tcnngnaata	900
ttgtaatagn cnettaacgc ntcnaantct cgggtaaten nancaaagggt ttgtcacnaa	960
ttctnnnccg ttncnangcn taactntntn cntaanacat ngattgntta actcgaangn	1020
atatgancgc gancgcgatn ncncanang tcacttcttg ggataccnc gctctacttt	1080
anactcttta angncanang gttacganac tgactngna ctgtangctt ngtttactct	1140
ncnccgna anactntcn atangatgnt tangncnna cgcnannntn ncgnantcta	1200
tncgagcana ntnaacnnnc tccanatnaa naaaatngtn nntgtngnac anataangga	1260
cntatcttct tgtatattct cgacgcgaan anatggtagc tgagngnttt acntaangta	1320

ncanatntgn ggtnnacact nnnntatnecg agcctccg

1358

<210> 4839

<211> 716

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(716)

<223> n = A,T,C or G

<400> 4839

```

gnnnntttan atcagctact tgttcttttt gcaggatccc atcgattcgc tgaaatgtca      60
aacacggcca cctaggcagc atttacaanc aagagtccac tgcttnnttg atgtatatct      120
taagcgcccc cagtgaatga acagcatata actccacata aaaatcatta aatgtnattg      180
acttccagag caggcagttc tgtgtgtatg cctctggaga aggctggctg aattgnaatt      240
ggtctgtacc tctgcctat catgtacatg angtnnttgg gcaaagagaa ctttccanaa      300
nataagtcca naaattatag atcatcanac naccaatgac atattgntga gatatctnca      360
agatctagaa tngncctggg tgtcaaggaa gtctntgggg tttttacaaa tattgataat      420
gcnccttttta taaaatgcac tttttataaaa aatgcatgct cacttgagac aacttgaaaa      480
acacactaga aaaggccggg cgtagtggtc cacgcntgta atcccagcac tctgggaggg      540
cgngacggnt ggatcacgat gcangagatt gagaccatcc tggctnecat ggtgaaaccc      600
cgtntctact aaaaatncac naaaattagc anggtgttgg tgacngggcg cctatagtcc      660
catctactna agaagcttga tgcangaaaa atggtgtgaa cccaggaaac gagctt      716

```

<210> 4840

<211> 758

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(758)

<223> n = A,T,C or G

<400> 4840

```

angcagctct tgttctnctt tcaggaccct atcgattcga attcggcacg agccaagctg      60
taccagagtg cangaggcat gccaggagga atgcctgggg gatttcctgg tgggtggagct      120
cctccctctg gtggngcttc ctcaggggccc accattgaag aggttgatta anccaaccaa      180
gtgtngatgt ancattgntc cacacattta aaacatttga aggacctaaa ttcgtagcaa      240
attctgnggc agttntaaaa agttaagctg ctatagtaag ttactgggca ttctcaatac      300
tngaatatgg aacatatgca caggggaagg aaataacatt gcactttata aacactgtat      360
tgtaagtggg aaatgcaatg tcttaaatna aactatttaa aattggcacc ataaaaaaaa      420
ataaaaagaaa actcnnngcct ctagaactat agtgagtcgt attacgtaga tccanacatg      480
ataagataca ttgatgagtt tggacaaacc acanctagaa tgcnnngaaa aaaatgcttt      540
atttgtgaaa tttgagatgc tattgcttta tttgtgccat tatgagctgc aataaacaag      600
tnaacaacac aggttgcatc catttnatgt ttcaagggtc aaggggnagg tgtggggagg      660
ctacttaatt tcattgacgc ngggnccttg cnttnngggc nnnngaccca gntttttgtn      720
cctttngngg agggttaant ncnaacttng ggttaann      758

```

<210> 4841

<211> 739

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (739)
 <223> n = A,T,C or G

<400> 4841

agnnnantnc	tatgatccct	tgnnncagga	tccatcgatt	cgaattcggc	acgagtgcct	60
ttgntcccca	actctaggga	gctagtttca	tacatttaan	ancnctgctt	acctcanagc	120
tcccttttag	cancngcaga	cttnnanatc	tgtttaacca	gttccctata	ttaaattctc	180
tctggnnaaa	tacatggngg	ggctttgatt	anctgctgaa	ccctnagnga	tncataccnn	240
atnatgctnc	nnaannnatg	cnatanncnt	acaannatnt	gtantnnagg	atncctatnn	300
cnanactgct	ngtnntanca	ncatcancat	gacannnacc	tttaaangtn	ttcnatntan	360
ctanaattat	ctaaaatgtt	aaangncnta	aaacannnna	ntaagcaaaa	gatganntca	420
agtgtatgtg	catttagtag	tgacttggtg	gatttgacgt	gttcatgaca	gctggctatt	480
tgtattgtct	gaatgatagt	gtatttgngt	actttgcccc	ttgcctattg	gggcattnta	540
aaatngatcc	ttaggtaatg	ttaattaaga	acattgacct	ngggcanggc	gcggtngtct	600
acnctgtag	nncnaacacn	ttncgagggc	gangcagnaa	attcnanana	angagtttga	660
tacatctggg	caacatngcg	aaacctgnct	ntctanaatn	tananttagc	cggcanggng	720
gagctgcnga	ntccagtag					739

<210> 4842
 <211> 750
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (750)
 <223> n = A,T,C or G

<400> 4842

ttatnnntac	cgttttgcn	ctncncgcag	gatccctega	ttcgaattcg	gcacgagggg	60
gattcagatg	atggcgaga	tggtcgaggt	tntgagaacg	ganaaatnaa	ggcncttcgg	120
acagctnctc	tggcaatgta	tctgaagggg	aaagccctnc	tgacagccat	ggaggactct	180
ttccagggaa	gacagnnatc	aaangacaaa	gctgccactc	cangaaaaga	tggtcccaaa	240
cgttctgtac	tgtccaagtc	agttcctggg	tacaagccaa	aggtcattcc	aaatgctata	300
tgtggaattt	gnctgaatgg	tnaggagtcc	aacatgaaag	gaaaggctgn	atcactnata	360
cactgctccc	aatgtgagaa	tantggccat	ccttcttgcc	tggatatgac	aatggagctn	420
gnttctatga	ttaagacct	cccatggcan	ngcatggaat	gtaaaacatg	catnatatgt	480
ggacaacccc	accatgaana	agaaatgatg	ttctgngata	tgtgngacag	angttatcat	540
acttttttag	tgggccttgg	tgctattcca	tnacgtcgct	gnatttgtga	ctggtgtcaa	600
cngncccncc	caacacccag	taaantgtgg	caaaaagggg	aaaaatnagc	aaagagggat	660
naaancgttt	ttgactctaa	tctgtatatg	catttaagtg	gaatatttgg	tgccattttc	720
aacattantt	tcatgcccc	aaaagaatnt				750

<210> 4843
 <211> 730
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (730)
 <223> n = A,T,C or G

<400> 4843


```

tnnctttgat tcaattcata gcnactgggt ctttttgcag gatcccatcg attcgcccag      60
ggccgcctgc ctgagcctct ctgcagctgc tcacctcctg ctgaggcctc tgccttcaga      120
gctagtgggg cctgctcaca cattccagta gtttcctctt tatttgcctt gaaccaagtt      180
gtagaattta aaggagggtga agtaaggcga tttctatgga aaatatattt ttcttcttta      240
ctcctcatgc tgagtgcata agaatttatt atttccctcg aatgttcaaa gtggtgtgtg      300
tgtgtgtgta aaagaaccag gagcaaacaa tcttaatagg aatgtgcgat cttgtgttta      360
tcttttagcac acttaattag ctacaaccog ggactgttgc catttgaaca agttgttaag      420
aaaatctgcc atgtttttgct cttttttcaaa aggaatgact ttaataacca tagcaacact      480
tactcagttt tgtgatccac tccaagatta tgggagcaag aacagatnct cctgaaagca      540
accctcacct tcttccccgc cctgcctc agcaagtcct ggctgtgtg aactgaaggg      600
tttggaagct ctggtttcta ngagtgccca naactagaaa gactaggggtg tctaattatt      660
tgaggggcan ttgtcaatgg cantgtgggg ggcaccccat tgttatttcg aggcaactga      720
ttgctttttt                                     730

```

<210> 4844

<211> 818

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (818)

<223> n = A,T,C or G

<400> 4844

```

tntectnecg gngnecgnatt cenctaagga gaggcncgga tccctcgatt cgaattcggc      60
acgagtctcg atctcccgac ctcgtttccg cntgcctcgg cctcccnnnn ngcnngnatt      120
acaggcgnga gccaccgagc tngnccctgga tcaaattctta atccatgcgc atgggnacac      180
aagantactg ggttgaannn attctagntt tgnattttaa atacntgnng atgaatctat      240
tttagcacan ggtataaata actcgggagg tcatctctat cttctctcct tnantgcatt      300
tgggtatacc acgtttaagn nctaaaacag ctngcgtat gttggccagg ggaaaacatg      360
gcatnctgtg cgcaaagntn aatgatcgen gncennnctt ggccctccc tgggtttatg      420
gncancgtaa gangcccgca tgttaaagct taaaccgtca nttgggctng gtgtaaatcc      480
ccnattnaat tcntggnnng ncaannctct tgaccccgna aacaatggaa agggccanct      540
ggggcctcna anntgtngga gccccnntta acaaacnntt antngnaaac ctttgggaatt      600
ccaaccttna aagggagggg naccatggaa gatanttgag tggcccgntn ggaattgnan      660
ccccttnaan gcaattagtt tcncocnaatt ttctgtgtn anaaaanatg cncocnaaac      720
cngggggggc caannctggg ctaaaagccg nggggctcnc anaacnngg tttttaactn      780
tngatacant angnggaaan aangggcccc tttttaan                                     818

```

<210> 4845

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (748)

<223> n = A,T,C or G

<400> 4845

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agcttcattn nactatcagn tgcgctgctn tangtgcnng atccnttcga atccngcneg      60
aggcgngang gcangganng cagngcnan gncnnttaa gennttttct gtcttatacac      120
ncagngaasn aanntgaact ggatcngaac natcccatat tanccgatec tttctcna      180
tgaaagaaaa nacntamna gaacanatan gctnaaactg atacagnaag tngccgtcag      240
cctctagaac tatagtgagn ngaatgncnt acanccanac ntgatnana acattgatga      300

```

gtttngncaa	accacatctn	gantgcantg	aaaaaaatgc	nctattcgng	aaancantga	360
tgctattgct	ttanttngga	accattataa	gctgmnataa	acaagctaac	aacaacnatt	420
gcattcatnn	natgctncag	gancaegnnng	aggtgnagga	ggnagtgtaa	ttcgnggcecn	480
cggagccaat	gcattggggcc	cagacccacn	tntgaccctn	tagtgagggt	taatggcgcn	540
cttngcgtaa	tcattgggtcat	agctgcttcc	ngcgtnnant	tgatanccgg	tgcaatntca	600
ncacatacga	ccgggacata	aagtgaaagc	ctggagnanc	ctaangaagt	gaccaactca	660
cattnatngc	ctgngntaac	tgncctnttc	cagtngggaa	accnnnncgc	canatgctta	720
angaatcngn	caccgcgcgg	ganaggcg				748

<210> 4846

<211> 704

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (704)

<223> n = A,T,C or G

<400> 4846

gnnttnaaan	nttgcttggg	nnnnncnctt	tccgcaggat	ccnanncgat	tcgaattcgg	60
cacgaggtnc	agctcnctta	nctgggnatnt	gggnngtnng	aaacatncnc	tntcctgata	120
ccantgtgcn	ngaatacanga	nacatangcc	attacacngc	gtctatgcaa	gcttgacat	180
aacntcangt	actgcagctc	acacaccctn	tgcnaggcng	aatnantngn	tctgcctccg	240
gatacnaana	atntcggctc	ngcctcagng	ctaagtatcn	tnatgtngtg	tnctnnagta	300
nntgctgtat	ctgngtggtta	tntntgccaa	actctagnta	ntgatcttat	gatcccttnt	360
ngaantaana	tggggttctt	gantgnetga	gaacgacttg	cacaatgngt	tnattgtggc	420
acgtcatctn	ncaatganta	nnnagnctat	tnnccanggn	anactcngnt	cntacntggc	480
nctaagcact	ntnttgncga	tnngncancnc	tctgtgaaat	ggaattacng	ntattcatgg	540
ntaattacnn	atthttggccc	nctttctgtt	tnacaatga	aggcttaaan	ctaantgtcc	600
aaantgnata	atgntccctt	aattanaagn	ctacttcatt	caagtganaa	nngnccgtaa	660
tnaanncnta	ctctncnact	gcataatatn	nnctnagga	ctnn		704

<210> 4847

<211> 758

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (758)

<223> n = A,T,C or G

<400> 4847

agntntttcn	atttctnatn	ttgttctttc	tgcaggatcc	catcgattcg	aattcggcac	60
gagagcagct	taagcagcag	acgcaaaatc	gaatgaagct	aatggccgac	aactacgagg	120
atgaccactt	caaatacctc	cattccaatc	aaacaaatca	caagccctcc	ccagaccaga	180
tcataccagcc	cctcttagaa	cttgaccaaa	atagaagtaa	attaaagttg	tacattggac	240
acctgacaac	cctctgccat	gaccgagacc	ccctgatcct	ccgtggactc	actccaccag	300
cttcctataa	cttgagcagat	gaccaggcgg	cttggggagaa	tgagctgcag	aagatgaccc	360
ggggggcagct	tcaggatgag	ttagagaaag	gtgaacggga	caatgcagaa	ctgcaggagt	420
ttgccaacgc	cattcttcag	cagatagcag	accattgtcc	cgacatccta	gagcaagtgg	480
tcaacgccct	ggaagagtcc	tcttgaccct	gctttatggg	gaagcctgag	gtagtcaacc	540
caggagccaa	gaaaagagaa	ctacgaggaa	caggtgcccg	gaaccttctt	ggcaccaaac	600
actacaaact	tcatacccaac	ttgetcactt	gaagaagtgt	gattncagca	ccggtttcta	660
catctgccat	cttactctgc	ctttctgctt	tggatgtggg	ctctacacta	accttnttga	720

tgtccanggt agatnaangg tcgaatcttt ntgnaaaa

758

<210> 4848
 <211> 1030
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(1030)
 <223> n = A,T,C or G

<400> 4848
 gcgtcncact ttgaancntc naannngnggg caatcnaatc gcncnangnn nctaggtann 60
 cgaattcggc acnagagcag gcgcttggnc cctaagggtg atgttagagt agtgattatg 120
 gtcagcgtgg gtgctatncn ngtgttncag nttttcanct ggnggaatag ctacaataag 180
 gnaatcagct acctagccac agngcccaag tncctgtntcc aagctacnga gattgccaag 240
 cancanggac tgntcaaaaa agccaaataa aaaggcnaaa acaaaaagtc caangangat 300
 atccgngacn aggangagaa catcntaaag aacattataa aaagcaanat antatttana 360
 ggggtgnctan tcagnaacnc caaatantgn gnatcntcct ctgtatnana tcaatcctag 420
 ctccntntnn cctatnctca tatccnannc tggcatangt cnggagagat ctacnntttc 480
 aacatcaanc ggntnnnnat tatggnanag nantnacaga tcantccatt ctacnntaaa 540
 tctatnaccn ngtnnactnc tctatttnaa tnnnactatg aanatnctct naactaaanc 600
 ntttcnttta nncnaaaanc ctctngnct ncatggnnnn aattnnntac ngtccttncc 660
 aaaccnnchna nacacncacn gancntaatc ttcacaanta nnaacantct gngctnanct 720
 cgaacncccc tnaattggct naccannatc ntccactggg atcatncggt antggantta 780
 aanngcaact cggntctctg nggnctnctg nattncnaann atcnnnntgc gmtatttnt 840
 ctgacacaca atatannctc ncgnaatttn ncntannctt nnnnctctca aatactctct 900
 ctanacatag agcaattann tntctgatna tactntngac cncgtcanc acnacgngca 960
 caanannata tcattgtaca ttcatntatc tgtngacttt acnacagtcc cngccaatnt 1020
 aacaaacnnt 1030

<210> 4849
 <211> 761
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(761)
 <223> n = A,T,C or G

<400> 4849
 cnttncctna ncaggatggt ccattncnt tntngcagga tcccatcgat tgcctgtcc 60
 gagagagccc cgctcacggg gcacagctgc tacttttttag gccntgctgc acttccggac 120
 ccactgcttc aactggcaact cccccacgta cgagtatgcy ttgagacatt tgtacgtgct 180
 ggtcaacctt tgtgagaagc cgtatccact tcacaggata aaattgtcca tggaccacgt 240
 gtgccttggg cactactgaa gagctgcctc ctggaagctt ttccaagtgt gagcgccca 300
 ccgactgtgt gctgatcaga gactggagag gtggagttag aagtctccgc tgctcgggcc 360
 ctccctgggga gcccccgctc cagggtcgc tccaggacct tcttcacaag atgacttgct 420
 cgctgttacc tgcttcccca gtcttttctg aaaaactaca aattaggggtg ggaaaagctc 480
 tgtattgaga agggcatat ttgctttcta ggangtttgt nggtttgcct gcagttttga 540
 ggagcaggaa gctcatgggg gcttntgtac cccctttaaa aggagtcnnt attctganaa 600
 ntngaantcg aaacctttnt aaatcttcan aaangatttt attngaanaa ggnccnnanc 660
 nccnaaangg aaaacnnnnn tnnaaaant natnantttt tgaaagnnnt ngnttttnaa 720
 actannnnng nnnncnnaa ccaancnnn nnnnaanacc n 761

<210> 4850
 <211> 863
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(863)
 <223> n = A,T,C or G

<400> 4850
 ttnacatcaa gctcttgntn ctanccctt cctcgattcg aattcggcac gaggagagag 60
 agagagagag agagagagag agagagagag agagagagag attnagagag agagagagag 120
 agagagagag agagagagag agagagagag agagagagag agagagagag agagagagag 180
 agagagagag agagagagag agagagagag agagagagag agctnaaggg aaggctgccg 240
 ggaaggcaaa tgggaacagga atggacctgt ctcangaagg ccagctgcan gtcctccaca 300
 aaatcaaaga aggggaagaa ctctgagttt gaggtacagg ggcttcnggg tgcacacgtc 360
 cctccagggc ccatggtcag tattgcacct gtgttatgaa ccccatatc tgtgcagggc 420
 aggggcgggg gctgctgttt tattggggag gggagcctcc taaaaatggg gtccaggcag 480
 acccctccag acctcacact gncgaggagg cctttcccaa aggggcgttc tccccgggat 540
 gcanaccgna tgttttgtgg gaaaccnccc tttaaatacc ccacaccgac gtattccttg 600
 tccccgactt tttcccggtt tntttgtttt gaaaaatacc tgtnngtttc angecctentt 660
 ggatcttaaa atgggcaana atagggaaacc tttttttttg tcaccaaaaa aaatacctgg 720
 ggggggaaaa attgtttgtt aaaaaataaa gacntttttg ggaccaccac caacnttttt 780
 tggggggctt tccaccttga anctttccaa ntttttttta aaccatgggg anttttattt 840
 aacnttaaa tggtttttct tgg 863

<210> 4851
 <211> 761
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(761)
 <223> n = A,T,C or G

<400> 4851
 cgcgggcgna agcgnagcnc ttcccaacnn ccttgatcc natcgncgg aattcggcac 60
 gagtatgggc ttgnagaaat gctaccgttt ttttncccg tnanacntgg atcccgaaac 120
 tgnactaacg tnnagtatca ggcnaaatgn cnggaaaggg nnggcttatg naggcaacta 180
 cagatagttg taagggatca tacagaagat attgatgata gnngaaatat tcttagaagg 240
 ggtgtgtatg tctagctgng tctaccatgt gtatgtattc ttgacaagca gtataaaata 300
 cctgtgantt ttctttacat tagggataat gcataaggaa ttaatcttca tatatattat 360
 catccctaata gtagcagggg gaagtattta attgcccag atatgtattt tacttatact 420
 atgccagaga ggaaacnata aagnaattac acatgtaatc ntgggttntt cacatatgta 480
 ggtatncatt tngagtaggt tgaagaaaga aaaaaatat ttaaatgaan tgaattcctg 540
 atgggatagt ancaataagt atttaaaagc cngtattcna aaaataataa agggtagcgn 600
 catttttgag cttgnnttc ntttgctacn ggaaatantc caaannaaag ngntancant 660
 ggcaccngct ggncctcaacg cacntattgg naaccgcact gganaggatg aacaaggggt 720
 nagncaatag caaaccccta taacattccn ggccaaanac c 761

<210> 4852
 <211> 779
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(779)
 <223> n = A,T,C or G

<400> 4852

ttgaaccttt	ntacanctct	tgtttttttt	gcaggatccc	atcgattcga	attcggcacg	60
agaccaagta	gaccagaaac	tgaccattct	cagtcctact	tcagaaaaca	acaagaagct	120
tttcaatgat	ctgtttaaaa	ataatgcaaa	ccgtgctgaa	aatacagaga	gaaagcaaaa	180
tcagaattat	tttatggagg	tgatgactgt	agaaggagtc	tatgattacc	tgatgtatgt	240
aggacgggta	gttttccagg	ttcctgactg	gcttcacatc	ctcttaatgg	gaactcgaat	300
cctcttttaa	aacaccctgg	aaatgtatac	tgattactat	cttcagtgtg	aactagaaca	360
gctattttcag	gagcacccgt	tgggtctcact	cataacactt	ctcagagatg	ctatatcttg	420
tgaaaacact	gaacctcgct	ctctccaaga	taagcaaaaa	ggagcaaaac	agacttttga	480
agaaatgatg	aattacattc	cagatctgtt	agtcaagtgt	attggtgaag	aaaccaagta	540
tgaaagcatc	agactttctg	ttgatggcct	acagcaacca	gtactcaaca	agcagctgac	600
ttatgtttta	ttggacattg	tgatacagga	actgttttnc	gagctcaata	aggtcaaaaa	660
ggaagttacc	tctgtgacat	cttgggatgt	aaacactttg	ggatttggtg	tagaataacc	720
cattgaaatt	tctgctgtgc	cgaagggtgt	agaaatttac	ttttttgggt	atatcttat	779

<210> 4853
 <211> 825
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(825)
 <223> n = A,T,C or G

<400> 4853

tttccagttt	tanttttttc	ancttttnga	tcnntttgca	ggatccntct	tttcgaattc	60
ggcacgagat	tctccctaaa	ttgtngatcc	cactgtttac	naaactgttc	tnttgtgctg	120
gcntgctnan	tgctntgtag	nncctttctg	nacnntaggc	attgctcttg	gagaacnnga	180
tgtgctttnt	ntnaaanggc	anaccagngn	tgnnctgnnt	ttaatgatgc	agancctnac	240
tttatccaca	cctggcccgt	ttnacatttn	agtaangnac	gatatttggc	tgatggctga	300
acantttctg	aaatacacnt	ttagtgatg	gaantacaag	accnntaaag	gnctgccagg	360
ttancatctc	atctngcatt	cnnntccttt	ggcnanaaag	gganatntca	gaattatatt	420
tcttgatggg	gtctttttcaa	tcantgtatc	tgtcgaaann	tcttaganaa	anctatgtgn	480
tcnccgtgtt	gtctaaaaan	atnctttcaa	anatgacccc	tgggaattncc	tgananangc	540
ttaaaogtga	gaagacnggt	nggcaaaaca	ccctncnaag	gttnttggn	angcccnant	600
ntgttttgtc	tggeccatat	aancttngcn	ccattnaagc	cncgggngag	ctttgnatnt	660
atattngngg	ngttactttc	tttgnnccct	tgcggggaac	ancttnnata	atgcttntcn	720
ncccnanntg	gaentttgct	ttttgnnncc	nnaccccccc	aaaggngngcn	cacctccant	780
gaaaaagtct	tttttnaaaa	gggctccttn	ctnaaaaaaa	nnnnt		825

<210> 4854
 <211> 1090
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1090)
 <223> n = A,T,C or G

<400> 4854

gaaaggaagc	acgcaaagca	actcccagca	gcatcccagc	naaangccca	gaggaaggna	60
cnnggcagna	cnaccncnc	gngcaccgen	ttnttttccc	cagtaggnngn	ngacacgcca	120
acnnnnnggg	ncncngnga	caagaggcng	ancccaaaac	nngacagggc	aaggacccnn	180
cagacncggg	gangngacc	agagcgcggc	cnagcgagaa	acagccngcn	accggnaggc	240
canaaanca	gccgctgaag	gganccgggc	tccggccnta	aacnccanca	ctgacacgac	300
ccagcaaacc	ccncaagagg	aaaaagaccc	ccaaggggna	aacacaagcn	nagggcangn	360
ncacggggga	cccccgaccg	ncnancncgg	ggaagccngc	cgnangaacg	gganangnca	420
cnangggngc	ataagaccna	ccacncaggg	ccnaccangg	agaaaaaaan	ancgnacnan	480
aaaggncaaa	ccgcaacncc	ggaaggggca	cccacnaagg	gggaaccccc	naangggctc	540
gnaccggggc	ccantngcca	aagnnggncn	cccncaaacy	acccgggggg	ncnaaacccc	600
cccgggggcc	anccacncan	ggggggganc	cccaanggan	ggcaaagccc	ccaaagcccc	660
nccgggggca	acccaaaaan	ccnnggagcc	cngngnccca	naganacngg	aaaccggggg	720
gacgncccca	anacncagac	naaaaaagcg	ngggancccc	caaaaaaagc	aaanngcaca	780
cncccccgag	ngnaccnang	ncaanggggg	naaagacaaa	anagaccccn	nnganaagan	840
ccccnnaaag	gccccacggg	ggaaacnngg	gacncncagg	ggnccccccc	nggggaccnc	900
ggggngngcc	nanaaccnc	aaaaaacggg	ggaaaacncc	ccccccana	aaaggcccac	960
nggacnnana	anccccccnc	ccngggaggn	nncccnaccn	cccnngnnc	cnangaaaaa	1020
cnanannngg	gnaaaaaccc	cnngggngnc	caaaaaaagg	gggaaaccn	ccgagggggg	1080
nganncccg						1090

<210> 4855

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (779)

<223> n = A,T,C or G

<400> 4855

gctaannngcn	ggctactngt	tctttttgca	ggatcccatc	gattcggaatt	cggcacgagg	60
gntgggggnnt	cgncggncnc	gctangnnng	ccatacncaa	tntnnagagt	ctannngntg	120
taannttgct	gcttatatgt	acctgtgctt	atattcganc	ctngnnncnc	atncttctgg	180
acngaagtaa	gactggattg	ttgggtatat	taggggnann	gtgccagaga	tcngtgaacg	240
gcanagnccct	tatgtggccn	antgcngtgt	aatantggcc	ttaagnatcc	tnttcanaca	300
nnagctgnnn	aaaatgccnn	antgtagcan	ncatnntatn	agnttgnnaa	canngactgn	360
cngcccanaa	taanggctgg	gatgttgaac	tctggantct	ncgaacattg	ngtgaganan	420
attgnngan	gctgtantct	nttttaatgt	gatnggncca	atgnnctgta	taaaccntta	480
ngatgtaccc	nttnnatatt	cngtaccnnt	nacctcagc	antgtcacta	cagtatcaca	540
tantgcatat	gttatcctgt	tgtancagat	actgaactta	gtgaggtntc	nctaaggcac	600
ntagananaa	ancaannttg	gttanntnct	nnctgtatctn	tcactgtgan	ttgcanatga	660
tntantcttt	atanaatgng	anccttttac	cggncctaant	tttnaattaa	aatggcctnat	720
tntgtgttga	taaaaaaac	tcgagcatac	ttnnaccctc	tngaactata	nttgagtcn	779

<210> 4856

<211> 1776

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1776)

<223> n = A,T,C or G

<400> 4856

ggnggaggggn	nnggnttttn	naggngngnt	ttannngtgg	ggaaaaaacc	ccttttttnt	60
taaaaannnn	actttggggg	gaaangnngc	tgnanatan	cggcctnnng	ngananagng	120
agtcgngngg	ganagnnggn	tgnnnnnnng	agngatatag	gntanganta	gtananggat	180
anannagca	ghgaacngta	gttttttttn	agngaganan	nngagnnaan	aggnanacna	240
tnanaganng	ggggggggcg	caanggggtg	nnaaggcgag	anncnaactc	gnannanaan	300
tgaaannnnn	anacngtggn	ananantgag	cgnggatnna	tnnntgcaan	ncataagaan	360
tnngaagtga	nnntgnnngn	acaaannnct	ncganagnnn	gcaagngaag	ncgnancnna	420
cnnnagnnga	gaagnagtgn	nangaccnnn	aanggantnc	ngagagggnn	nanaaggatg	480
nnnannmann	gnaganngnn	gaananaaga	ggagacnaac	tatannagnt	agnntgncna	540
nnnaganna	nanaagcnga	naganannnn	tgngagnann	canangnggn	anntaaaggn	600
nnannacgta	tangagtgtg	gtnagaactg	aaganaanna	ncacgnaaat	gaanaacatn	660
cnnngancna	nncgaangaa	aatatcacgc	tganngnaga	tagatanacg	ctcnntatng	720
anncagtnac	tgtganatct	gcganangac	ancacngnna	gntnnacnac	acagatgnan	780
gctnananan	gnagcagagt	anaagacnng	gagnngngtn	cgcanatatc	gatatnaagn	840
ntacganagt	gannananga	anantgantn	aggataacga	nnagnnngnt	ntatnngggg	900
tanaggngag	agntanantg	ctgcncncna	nannannгаа	tnccagcgcn	gncgancang	960
nnanaatngg	gnannngana	anantgtann	nanagcaang	ntannagtga	ctntnnngta	1020
atngatngag	nnagnngana	tgagtgcctc	gncnntagcg	aganantacn	gngaattntnt	1080
anagagntgt	agagnagcag	cananannan	tntcngngtn	naangtagag	agcganggan	1140
actnnntagt	atanncagan	acgangangn	ggtgtgnann	cggagtgtag	agncgattag	1200
agagnaaacn	nngncacggt	gtatnanaga	tnngagacang	angagaactg	cnnacaagna	1260
nttanmmaat	angtacnnaa	tgngancata	agtatnacac	aggtnactnt	atanngnnca	1320
tcaacgcncg	antntanaaa	cnntagnttn	acnannaaag	ctacgttctn	nnnagaaga	1380
agnactnnan	ganntngagc	ngcacganaa	gtatcgtnng	aacgagcant	cgtnnatgag	1440
anagtanaca	ngcaaanagg	aagnnnagna	acagtcacan	gncagangaa	acatnctcac	1500
nngnnantta	ncgngganac	gtaaatgtag	acacgnagga	gatnaannng	atatgangga	1560
nannnaaaga	gtanatgcgt	antngnatna	gananganan	aagtnaagag	antgacnana	1620
tanatgatnt	anganagacg	ganganataa	tctggaagcg	nggaanagan	tagagatagn	1680
ngaganggat	cnngtanaca	gntcnnngnc	nnctanatga	ganngnncaa	ctgtntatac	1740
gatntannna	ggnagatcaa	gaatatacnn	tctcct			1776

<210> 4857

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (747)

<223> n = A,T,C or G

<400> 4857

gttaatctct	agcnaggctc	ttgntntttc	tgcaggatcc	catcgattcg	aattcggcnc	60
gaggttaana	gaatnaaaaa	gaatgattga	agccttcgag	acatatggga	tactataaaag	120
ccaccacata	tttgaatcat	ttgggtccca	gaagacagag	aacaaaagga	ttggaaaact	180
catctatttt	tttgttatta	aataatagat	gaaaacttcc	caaactctatc	aaatgattta	240
gatatccaga	aacaggaggc	tccaagatcc	gcaaactat	acaatgcaag	aaagtcttct	300
ccttggcaca	ttatagtcaa	actatctaaa	gtcaaagaca	gaattctgaa	aaaggcaaga	360
gaaaagtgcc	tagtcagttg	taaaagaaaac	cttatcaggc	taatagttaa	tttctcagca	420
gaaaccttac	aagccaggaa	agaatgatac	attcaaagta	ctgaatgaaa	aaaatgctat	480
ccaagggata	ctatatctag	caaaaatatt	ctttgttaact	gaaggagaaa	taaagtcttc	540
cccagaaatt	gcttaaggga	gtcctaatacc	tgggagcaaa	atgactacat	ttaccatcat	600
gaaaacttat	gaatgtgtaa	aacctgctaa	tanagcantc	acacaaaagga	ataaggga	660
gtaattaaat	ggtcctgtac	nggaaaacca	ccaaccana	attggaanaa	anaattnanc	720
ttnaaaaacc	tgcagcctct	tgaactt				747

<210> 4858
 <211> 1197
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (1197)
 <223> n = A,T,C or G

<400> 4858

aggggtttac	actnctaaaa	ttnttgagct	nncgntgggc	gnaaaggggg	cnccttaaa	60
naanttaagg	ccnccetnaa	aaanaatcag	ggannattnt	ggggggggctt	tgnggggggg	120
gtcatctatc	nnnacacnt	aantntatta	cncatagata	ctcaattncc	ntctctagna	180
natnnnngga	tcttntcgg	ctntnnance	nctectacta	ttactnctna	aacgtncenn	240
catantctnt	ntacacatat	atctnanata	ctatacatat	antntcatan	tnntactact	300
ctnatntctc	ntctacatct	ctanttatnn	ntcnntcnct	ntctnctnct	tantctcata	360
tctnnaagac	nnactatttt	tnctccnntt	cctnctntcn	cnntntttanc	cccnatnann	420
atctntcacc	ntnnattttc	naataactcta	tctattantt	aactatctnc	tntttcnnc	480
nnntnnnnct	atnnnncttc	tananaactcn	tcnctnnnc	tnntnnnnnn	taantcnntn	540
cnntctctnn	tnnnnnntnn	tgnnnancct	nactaanntc	ntcnntcnct	ntnattanna	600
nattnttaca	ntctntccct	ncanctnnnn	nattntatan	tcttntttnc	nnttcantnt	660
anatntntn	nctancnntc	nttaattcaa	nattnatntc	atctntcnnt	nttnancaat	720
nacaatnacc	nccanntcac	ctaantttna	tcncatacna	cncnnnctn	tancnnata	780
tnactncnnc	anttcnntnt	natctctnnt	tnacacactc	cnnggantat	actnntnaca	840
cttcttatat	nnntacntg	tnatacactc	tnnacntana	tatnnatcan	actnatanaa	900
agcatactat	catcttacct	nctntnatat	accatncacc	aatcacttan	tnatnctac	960
tcannacanc	tccacatatn	actcatcnct	aatatgtctc	tataatnntn	catctactca	1020
ntcacnnnna	ctctntagat	atatnctata	ctncancnta	tatntatcna	ttcatctaca	1080
nantanctcn	catctnttgn	nctatacnat	aattgtntct	catatntntt	tctctacan	1140
nctttatctc	gatnnttatc	ntgtancnct	mntntatcta	nataatnacat	atcacat	1197

<210> 4859
 <211> 767
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (767)
 <223> n = A,T,C or G

<400> 4859

gaaanccct	ttgttactnn	gtncctttttg	caggatccct	cgattcgaat	tgggcacgag	60
ggggattcat	aattccagac	aggtagagaa	cggtttttatt	tatgtagaga	cagagtctcg	120
ctctgtcgcc	cagctgaggg	ggggagaatc	actttgacct	gggaggtgga	ggttgcgctg	180
agctgagatc	attacactgc	actccacctg	ggcaacagag	tgagactatg	tctcaaaaaa	240
aaaaaannaa	aaaaaaaaact	cgagcctcta	gaactatagt	gagtcgtatt	acgtagatcc	300
agacatgata	agatcattga	tgagtttgga	caaaccacaa	ctagaatgca	gtgaaaaaaa	360
tgctttattt	gtgaaatttg	tgatgctatt	gctttatttg	taaccattat	aagctgcaat	420
aaacaagtta	acaacaacaa	ttgcattcat	tttatgtttc	agggttcaggg	ggaggtgtgg	480
gaggtttttt	aattcgcggc	cgcggcgcga	atgcattggg	cccggaacca	gcttttggtc	540
cctttantga	gggttaattg	cncgcttggc	gtaatcatgg	catagctggt	tctgtgtga	600
aattgttatc	cgtcacaatt	ncacacacat	acgagccggg	acataaagtg	taaagcctgg	660
ggtgcctaata	gagtgagcta	ctcacattaa	ttgcgttgcg	ctnctggccg	ctttccaatc	720
ggnaacctgt	cgngccactt	gcnttatgaa	tgggccacnc	ccgggggn		767

<210> 4860
 <211> 761
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(761)
 <223> n = A,T,C or G

<400> 4860
 ngnnntttaag atcannccaa gcgcttggtg caggatccct cgattcgaat tcggcacgag 60
 gaccacctac ggaaaactga ggcccacata agctcgattg gttgtacctc caacagatat 120
 ttattaagca cctactaaat actgagccca ttgcaagcac cagggaagcc tctgtgaaca 180
 gcacaaggtc cctgctctgg agattctgct tcagtgggtg agacagaaaa taaacagttt 240
 cccgtcacca attttccttg gaattggaca gatggcagcc accataatga tactatatgt 300
 gtccaagcta aacaaaatca ttcacttccc tgattttgat aagaaaattc ctgtaaagct 360
 gtttcctctg cctctcctct acgttggaaa ccacataagt ggattatcaa gcacaagtaa 420
 attaagccta ccgatgttca ccgtgctcag gaaattcacc attccactta ccttacttct 480
 ggaaaccatc atacttggga agcagtattc actcaacatc atcctcagtg tctttgccat 540
 tattctcggg gctttcatag cagctgggtc tgaccttgct ttaacttag aaggctatat 600
 ttttgnattc ctgaatgata tcttcacagc ancaaatgga gtttatacca aacagaaaat 660
 ggacccaaag gagctagggg aaatccggag tctttctaca atgcctgntt tntgaattat 720
 ccaacttctt attattagtg gcttcactgg anaacctgnc t 761

<210> 4861
 <211> 984
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(984)
 <223> n = A,T,C or G

<400> 4861
 tgngnttttt taaaaaccag ctacttntta tnaaggcagg cnaccgattc nnattgcggg 60
 angancatng attcngcccc ctgcatgatg gtggengaac tnnntgccc aagtggggcc 120
 tggganccca acaaccccaa cangccgnen cggtnaaccn acaatatcaa cccgcaaacc 180
 ccagggacgc cggccatgta caacacagac cagatctctc cctatgctgc cccctnccca 240
 caaggttttc tnccanccca tgcccagccc ccanaagctac caccaagtgg tgccaanccc 300
 agcangctac catnaatacc cantccccat ncagggtccac cntacaccgt ntaccatggt 360
 ctatcaggct atccccance cgagcncggt ttggctacag gtctatgaca acctgggnagc 420
 tccctntccc atggnggggt anaaanccca acaaaactgc tcaaggcttn aagggtattn 480
 tgaagcngga aaantttcgg gcagaacttg gggtnnacc nacctgggnc antttntaag 540
 ggtngaaaan ggttgccggg gggaanaacc ctttactcct tgggaattaa cnaacnaagg 600
 gttgggggtg ggggaacaaa cnaacaaagg gggnggggta antccccccc cngtnnggtt 660
 nnacnggggt ttcccccttg ggggggcccc caaaagggtt ngggnangng ggttngggagc 720
 caaggnaaat tncnctnttt ncctttnggg gtancccccc ctttaaaact tngggaagaa 780
 aaagaaactt tnnttccna aaattgggtg naanagnccc ccaaaagnng ggcaaaaagc 840
 ttggggattt gngggaaacc nttaaagggg aaagggggag acttttttaa ancccaaaag 900
 ganggncttt taacttgatt taaacggggg aaannaangg agggnttnct tgggggaaagg 960
 anaaantttt tgccaaanaa ccnc 984

<210> 4862
 <211> 772

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (772)
<223> n = A,T,C or G

<400> 4862

ggnnngggttt	anancagctc	tngatctcng	tgcacgance	ctcgtttgna	tgatennatc	60
gattcgctca	ngtcggntgc	catttatggn	atnactttat	tttatttnat	tgcatatna	120
tatnatnttg	agacagagtc	tcactctggn	accangctg	gantgcagtg	gccggatctc	180
ggctcactac	aagctctgcc	tcctgggttc	acgccattct	actgnctcaa	cctncngagt	240
anctgggact	ncaggcgccct	gccactgggc	ccggctaattg	tntngtattn	ttagtagana	300
cagggtttca	ccatatnanc	caggatggnc	tcgntctnnt	gaccttggtta	tctgcccagc	360
tngacctncc	aaagtgtctgg	gattacaggc	gtgagtnacc	atgcccagnc	tcaagtaggt	420
tttgaatgaa	tttctcatatc	ttttaaagta	caacattatn	gcaataacag	gactattnca	480
cttcttttct	aatttggata	atggatagat	nacctaagt	gtnatangat	ggctcaacct	540
ccgtacaatg	gtgaatcccg	nntcagtnga	aatctcggcc	nggtgtcaac	cttgaacana	600
agcccctagt	natnaccatt	tngtgnatta	gcctttgggtg	ttnagttttt	caccttggnt	660
taactgnnng	ccttaaacct	cnttnagctc	aagtggaccc	tccnacctt	taaccggccc	720
cgnattaagt	tgggggancc	atttgggcct	ttgcngccna	ccccnggcc	cc	772

<210> 4863
<211> 848
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (848)
<223> n = A,T,C or G

<400> 4863

nnnnnanngg	nttttatnct	cngtnnnncn	tttnnaan	ggnangcnac	tggtncgaat	60
gcaggaccca	cnatttnaat	tcggcacgag	anggccttan	gctttttttt	tgtagggtga	120
gagtggggga	gagatctctt	gctctgttgc	ccaggctggt	ctccagctcc	tggcctccgg	180
cagtcctccc	acctcagcct	cccagagtac	taggattatg	ggcatgagcc	accacaccta	240
gccaggcttt	ttatattgag	ttggttatat	atgcttcata	gccacacttt	ataatattgg	300
agtatagtat	taaattacag	cttggtgtca	agtcagngtt	tctgtaagac	agtatatnca	360
atattggnta	gagtaacacc	tatttgggtga	tacaagatca	acagggtgtc	tctgattaat	420
ttagctccta	catagcccag	aagcnagttc	attatgattt	agaatattgt	acatgggttat	480
gcaaggaatn	atnccaacct	atntgtgttt	atanggtcag	atgatgttca	gatttatatc	540
tgctgatagn	gntntnttgc	ngggaaaacc	tataaaacc	cttcngactt	gttanaaaca	600
gtgagnaaaag	ccnngattgg	aaatatTTaa	ttacaaccct	cgtgggnatta	aaatttttnan	660
tttaccattg	ggaatgggtta	aaatgctngn	ncatttttgn	anntttgtta	aaanccttgn	720
ntccttttaa	aacnttttga	aataaccctt	gntctanggg	gaaaaaangt	atttnnaggc	780
ccnaaaanaa	atannanang	gggaaggngg	ggggattttt	ccaagtnccc	ccntatgttt	840
gggggggcc						848

<210> 4864
<211> 769
<212> DNA
<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(769)
 <223> n = A,T,C or G

<400> 4864

tngccttang	gtnncccttc	ccatgcactc	ccacggaaan	gcccncccat	cgtangcgca	60
gcattccacat	gaacaggcgg	cgccgaagg	atcctgcccc	tnactctcnt	tttctgttga	120
accatctgga	attcacaggc	ctgtcatgag	agacacgatg	agaagtcctt	aaaggtagat	180
cactgattca	caggggagca	ggcggaggca	agggtgagtc	agtgccttga	actcagtcac	240
ccagatttgg	ctctggaaac	ttctgaagct	gtagcctttg	gggatccctg	actgcgagta	300
caggaagcca	acgctatgtg	gtcttctgga	aactcattat	ctttttcact	ggtgctatct	360
gggaaaaaca	gatgaaaacc	tgaagggtgt	ctgtatgtgt	gctttcaaaa	gcaaggatct	420
ggccggacgc	agtggctcag	gcctgtaatc	ccagcacttt	gggaggccga	ggcaggagga	480
tcacctgagg	tcaggagtgt	gagaccagct	nggccaacat	ggcgaaacca	tctctactaa	540
aagtcaaaaa	ttatctgggt	gtggtggtgg	gcacctgtaa	tcacagctac	tcaagtagct	600
gaggcannaa	gaatcanttg	aacccaagag	gccaaagttg	cacttgagca	caagatcaca	660
ccactgcact	tcnacctggg	tgacaagaat	gaaacttccg	nctcaaaaaa	aaaaaaaaaa	720
aaaactngac	ctntanaact	atagggagtc	gnattccgta	anncnagacn		769

<210> 4865
 <211> 717
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(717)
 <223> n = A,T,C or G

<400> 4865

ggmnttnaaa	tatcagctct	tgttcttttt	gcaggateccc	tcgattcgaa	ttcngcacga	60
ggtctangnn	gatgtctntc	naatcatggg	ntgtccntnt	nttttgacac	agggccttgn	120
cttattgctc	angctngagt	gcagtnagct	gtnatnncac	tgctgcncct	cngcgnannn	180
gtnanaatan	tactctgnnt	nnganngaan	naantanatn	gntaccnna	naccaactct	240
gtctaaaatg	aaaagatgga	tnatnaatct	tagncttnat	agaacnntga	gattntcaan	300
nggtgcgang	cacagtgtct	attnttncat	cctatcacia	gacnctnta	acctntaacc	360
gtnaacaana	tgnaatcgnt	gtataaaaaac	aatnncctgt	nttaataggt	gactgactac	420
agtagccttt	naggagtcca	nagncactta	ttcagcctga	tctttccaca	tacactacat	480
tgntattgnt	aanattcnta	naaattactg	cgcnatctan	ngctttaanc	ctnatgtagt	540
gactgntgct	atatctggaa	gtatctntaa	anagtgtgct	gggnnttnct	cactgcttaa	600
tctactaga	cntatncatc	tgcttatcnt	atcacttngc	cnnnatgatt	actgcaccgg	660
tntacgaaaa	atnccattan	tgattaaact	tttaaaggnc	aangaccata	tntnnng	717

<210> 4866
 <211> 1403
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1403)
 <223> n = A,T,C or G

<400> 4866

gngacgttgc	aaaaagcctg	gggtttccaa	aagccttggt	tgacgccccat	cgcttggang	60
gccgttngcn	aacgcncna	cacgcgnnac	nngnnnact	gagacnagca	anggtgncaa	120

nggncagann	acaaggangg	agnctnnntg	nacgcgcggn	ttnnnccggg	ggnancnang	180
ggggggagaa	cnnnccgggn	ggnanaatng	ggcgngnnng	caggacncan	ngcanatncg	240
aaagnnnccn	nggnanccgc	agnccggng	acangcgnct	gancnnggan	nnagnnang	300
agnnaggaga	ggngngcccc	anggaganng	gnacggacnn	ggagnangan	ncannncacn	360
cacggngcnn	aaganaggga	nanncnngnn	gcaaaggggc	gagnaannng	ggnantnann	420
ganagangan	gannggagna	gnnnagnan	nannggagg	ncncngnng	tgcatacaga	480
gaanggcgac	nngaagcgaa	aacgccacaa	nanggcnncc	nngnggcna	cnnnganaga	540
ncaacncggg	nanncagcng	gacgacgagc	agcanancgn	caactagcan	aggananacg	600
gaannnggcc	ncantcggcg	agnanaaaag	aaagccacng	cnaaacgcac	gnagncacna	660
nacgaccnca	gnggnncacg	gggcanacag	nnncgacgg	cngcnnannc	taancagacn	720
cacagcgcaa	aatggggga	gacatgacaa	nnngacagc	ganacaccac	gacaaacgcg	780
cnggcananc	anagcgccnc	ganaggacng	acggngaaac	cgncgacagc	nccacacaca	840
agcncagaga	ggnnttacac	nctagngaca	ngagaggngn	cngggnaagc	gcacgagaac	900
annaacaccg	acagagcang	agcgnnnana	gcaaagaccg	gacncnagna	cgccnanang	960
acacggncng	nagacannag	agnannagng	atgngnagan	aacggngccg	aanagaagac	1020
gnacancgca	nngaccaa	gnacnnannc	accangagaa	gaagagnaga	acgnacacgn	1080
acnagcacga	agaccacnga	gacntgaccg	cgcacagaga	agcacngggg	gacgcccana	1140
gaaaanaang	agagctgcg	anagagcaca	gaancacgat	gagaacggnc	cnaaacgant	1200
ncacgccc	aacagganan	nctgggggca	nacaanagag	agcaggtagn	caanacngnc	1260
gaanagnccg	agcanagaga	cntgggngnn	ggagnagcag	ngnnggnnc	nccagaacaa	1320
gaaagnngga	cagnacngcn	angcantagn	nanaangnaa	gnnattnnng	gntngncagc	1380
gaanngtnaa	gcgagngnn	cgg				1403

<210> 4867

<211> 1019

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1019)

<223> n = A,T,C or G

<400> 4867

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catangacta	atnntgntac	tggcaataan	gatctatana	angtcngcna	ctgatgtgta	180
tgaaaagcat	acntgactnt	atatncta	gtngggatgt	gannttncta	aagtntnaca	240
ataattngtg	ntancatcac	atgaccaann	gttaactant	atcttgagga	cactgacttt	300
ntggggccat	antnttttga	ttttanacca	agaacntnta	atnatntgta	tcccaaata	360
gntgctcctt	ntngnanagn	ccaanggctg	attnccntnt	ncatcttnna	tnnttggttg	420
ancaccta	gaggtagtnt	tctngnnggn	cctngnaaaa	antnttccan	aanantacc	480
gtgtgcntcn	ttanaatnga	ntaattgtcn	naaaattaan	ntagcnnntn	gnnncaaaan	540
naaaaggcct	cccctttgaa	aaacaangtn	attttgaaan	aangataaat	cnntntnnag	600
ttnatcannn	nanannnana	tntgtcnaat	ncnntctana	tttntaccn	nnntntagta	660
nnattcntaa	aanntanaga	ccnttttccc	tnntgaagna	nnctntgggc	ntaannaann	720
tnngntnann	nntcancttn	gncnngtntn	nnnnnattcg	ngtaatatgg	anncatttnn	780
nanataaaan	anannttctn	nntgnangac	nntactanac	aaanttttaa	antnngttct	840
acancccnnt	tttanannnta	nanantcgna	tatgaatttc	aatctcccna	tnntgttnan	900
ataatcaa	nnanattaaa	ttttnata	ccttattaaa	acctcttttna	tgaagnatcc	960
aattnttgat	naatncntaa	acnatgntat	actnnnatat	ntnattatnn	antgnnccg	1019

<210> 4868

<211> 786

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(786)
 <223> n = A,T,C or G

<400> 4868

tgnnnnnecgt	nagaccagct	tttnaacata	caggetactt	gttcttttttg	caggcatccc	60
atcgattcgc	atccctggag	cagcttccaa	cactacttca	gggtggcagt	gtttggggca	120
ctgggcgagc	ctgccggcct	ctagatggcc	tcattctctt	cttccacaaa	ctgtctagaa	180
ccaataaaaag	gaaacctgcc	aaaaaaaaaa	aaaaaaaaact	cgagcctcta	gaactatagt	240
gagtcgtatt	acgtagatcc	agacatgata	agatacattg	atgagtttgg	acaaaccaca	300
actagaatgc	agtgaaaaaa	atgctttatt	tgtgaaattt	gtgatgctat	tgctttattt	360
gtaaccatta	taagctgcaa	taaacaagtt	aacaacaaca	attgcattca	ttttatgttt	420
cangttcagg	gggaggtgtg	ggaggttttt	taattcncgg	acgcggngcc	aatgcattgg	480
gncccggtac	ccagcttttg	gtcccttttag	tgagggttaa	ttgcgccctt	ggcgtaatca	540
tgggcatagc	tggtnccctgn	gtgaaaattg	ttattccggg	cacaaattcc	cgccacatnc	600
caanccgggg	gccttaaagn	gttaaaacct	gggggtgccta	aagaagtgan	cttaactcac	660
cattttaattg	gcgtttgccc	nttaaatggc	ccgcttttca	anttcgggaa	aaccttgtcc	720
ntnccaagct	tgcanttaaa	tgaaattggc	caaacgcnc	cgnggnaaaa	ggccggttnt	780
gccttt						786

<210> 4869
 <211> 755
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(755)
 <223> n = A,T,C or G

<400> 4869

gntnatgacn	tnaaactctt	tggcnagcag	gctccctcga	ttcgaattcg	gcacgaggaa	60
tcttccttaa	agtccagagt	ctcccgann	ntggagnttg	tccttcccaa	gccttctcgc	120
ggggagggaa	ttccttcttt	ctgccgcctg	ttacatccct	gtgtgagaag	gtctggtgag	180
ctgagcccac	atcactcggt	ctgctgcccc	ggtgtgcttc	catcttcaat	gtggaaaagt	240
cattttgaac	tccccgggtga	ctgcaaatga	agtaatacaag	gacagatggg	actgggttga	300
ccattccaag	gagtacagtt	acttgaagaa	tctggaagca	ataccgagca	catttggttg	360
cattaattca	ttggagcaat	aatgctgtac	gtagaaagta	tggtgctttt	ttaaaaaac	420
atcatcagtt	ctgagcattt	gtagcaagtg	aactctaact	tggaacggat	gataaattct	480
tctaaaaaac	aaataaaaaa	cctccagaca	atattatgca	ttgagagctt	taaaaaatat	540
atatactaca	gcattttggaa	aacactttgt	ctggctatgc	cactgcactc	cagcctgggc	600
gacagagcga	gactccgtct	tcaaaaaana	aaaaaaaanga	agacttgnat	taatggagaa	660
acagactggg	ccctggctag	aaatnccaaa	tattgnaaag	aagtcatttc	tttaaaatna	720
atttatggat	ttaatgcngn	cctnagttaa	aaatc			755

<210> 4870
 <211> 742
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(742)
 <223> n = A,T,C or G

<400> 4870

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agtgnnttttn aananacaag ctacttggttc tttttgcagg atcccatcga ttogaatcat      60
aatggggaag gccatccagc ctgcgcgcgc gaacgccagc aagacgtagc ccagcgcgtc      120
ggccgccatg ccggcgataa tggcctgctt ctgcgcgaaa cgtttggtgg cgggaccagt      180
gacgaaggct tgagcgaggg cgtgcaagcg ctcaccgcat cgtggcacct ggcaagggca      240
tcttggtgc agatgagtc actgggagca ttgccaagcg gctgcagtc attggcaccg      300
agaacaccga ggagaaccgg cgcttctacc gccagctgct gctgacagct gacgaccg      360
tgaaccctg cattgggggt gtcatectct tccatgagac actctaccag aaggcggatg      420
atgggcgtcc cttcccccaa gttatcaaat ccaagggcgg tgttggtggc atcaaggtag      480
acaagggcgt ggtccccctg gcagggacaa atggcgagac taccaccaa gggttggatg      540
ggctgtctga gcgctgtgcc cagtacaaga aggacggagc tgacttcgcc aagtggcggt      600
gtgtgctgaa gattggggaa cacaccctc ncccttgcca tcatggaaaa tgccaatggt      660
ctggccccgt tatgccagta tctgccagca gaatggcant gtgcccatcg tggacctgag      720
atcttctga tggggaccat ga                                         742

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<210> 4871

<211> 846

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(846)

<223> n = A,T,C or G

<400> 4871

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tttnaaatcc cagctctngc agnanttcaa gtcncnttt ctaatncttg gcanctogat      60
ctgcgcgcga nnnnntnggc ncgagantct gcnctacaac ngacaggatt gntagaacnt      120
nnnnngtcng ggggatntng aatantnnnt caacacnngt gatacgcntg anctaacagg      180
tggtgttttn antataccna cnnaaatagc angatgcgac aacantcctg naacngtgc      240
ttntcaaagn caactggcct ggaaggctac aagtgtcnnn aaagattctg ttcagaatct      300
agccacagan ataaaggatg gacaaatacc tngacatag tctnctcana gacanccaag      360
ccttgaangc tcaggatgatg aaaangattn tgtttcgaat ntanccanga gaaataaagg      420
atgganaaaa ntctgggaca ntgtcttctc agaancaatc ngncatnaa ggttntatct      480
nacangaaag ttctcntttt gaatatattg cacaenga atacnggcgt tnggaaatct      540
nnaacagagt atnctganaa tntgcccanc cntgnaangc tacaattgaa aaataataan      600
ntctgatctg aaatacaagc caccaaatg naangattgt acnaatcatn cncaccagc      660
agcaacanng acttnatgaa atggccatcc annnnggaaa accanaagga agctttgnna      720
nnaatntgca atanattacc canncnaca aggttgaaaa aanccanaat tncattnctn      780
agggatggac cctttgntng accttaaatt ncagtcntc cttnaaaccn ttcttnaaga      840
aggnncc                                         846

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<210> 4872

<211> 717

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(717)

<223> n = A,T,C or G

<400> 4872

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ggntttnaaa tatcagctct tggtcttttt gcaggatccc tcgattcgaa ttongcacga      60
ggtctangnn gatgtctntc naatcatggg ntgtccntnt nttttgacac agggccttgn      120
cttattgctc angtngagt gcagtnagct gtnatnncac tgctgcnett cngcgnannn      180

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gtananaatan	tactctgnnt	nngannga	naantanatn	gntacccnna	naccaactct	240
gtctaaatgg	aaaagatgga	tnatnaatct	tagncttnat	agaacnntga	gattntcaan	300
nggtgcgang	cacagtgtct	attnttncat	cctatcacaa	gacnctnta	acctntaacc	360
gtnaacaana	tgnaatcgnt	gtataaaaaac	aatnnctgtg	nttaataggt	gactgactac	420
agtagccttt	naggagtcca	nagncaactta	ttcagcctga	tctttccaca	tactactacat	480
tgnattgtnt	aanattcnta	naaattactg	cgcnatctan	ngctttaanc	ctnatgtagt	540
gactgntgct	atatctggaa	gtatctntaa	anagtttgc	gggnnttnt	cactgcttaa	600
tentactaga	cntatncatc	tgcctatcnt	atcacttngc	cnmnatgatt	actgcaccgg	660
tntacgaaaa	atnccattan	tgattaaact	tttaaaggnc	aangaccata	tntnnng	717

<210> 4873

<211> 1194

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1194)

<223> n = A,T,C or G

<400> 4873

ccccacnnn	acncaacacn	cancacnna	ncncnannnn	ncancaaaaa	aaaanccanc	60
ccanaaacac	cancaccaac	acncaaacaa	ccccnccac	cancnnaaan	gggcccncac	120
cancctgtca	agcnaacgac	ccacnacnaa	gcngccgaga	agctncaccn	nacacccaaa	180
ccncatacag	ngggcngggc	aagcnggggn	cncatnggga	nggggaagg	ngcccggcgc	240
ctancnncn	ncnnggnnc	nacaggngna	ccanatnggn	ccancccca	nacnaccang	300
taccanncn	nncacgnnaa	cacnncncca	anacaccncc	catcnaangc	anaaccgacc	360
anangnacct	accnaancan	acccnccana	gcncacacna	gcnnacacac	caaccccccc	420
anncanggnc	accnacngca	aagncnct	cgcnnngatc	accancantn	ncnaatacan	480
cacnancnac	cacnccncaa	anacnaacgc	ttancccan	cgacccca	cnaaagaccc	540
ananagcaca	cacntggnaa	naaananacn	cancgcccc	cnannccaa	naangcgcnc	600
nccaacacan	cnaacccan	ncacccnnaa	accncannc	cacnggcgac	annnggaana	660
cnccccantc	cccacnnnca	canacnaanc	ncnanacacg	nnaacncncg	ancnnaccnc	720
naaanaacan	annnnnngca	nnnanaaaac	cccnangncn	tacnngcaca	cactcnccan	780
accagntnnc	acncaaacgc	ncacnaccac	ncacnccccc	acnacaccna	cgcncncna	840
cccaccccc	accganacna	gcccaaacgn	nccannacn	ccaangnaca	nnccaagcgn	900
cacacncac	acgacncana	ccnccnna	cactaacncn	acnnnnnaca	cnnnccacc	960
cacanagcac	canacncnnc	cancnagaa	ccacacnna	acnacnnanc	tnncccncc	1020
annngcncn	ntnncgcgt	cgcanaaacn	nancccncca	acacaaancc	naacacaaca	1080
cntncccccn	tnaanana	ccacnnnaac	tccannanan	aancaacnnc	nnccaccanc	1140
aancaacacn	cacnacanta	cagacncctt	anannancnc	cnccacaacc	nccg	1194

<210> 4874

<211> 719

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(719)

<223> n = A,T,C or G

<400> 4874

ggtttttnat	cacagctact	tggtcttttt	gcaggatccc	atcgattnga	attcggcagc	60
aggtactttg	agtgtttggg	ggttcaacac	acacatgcaa	ttttgcttaa	caaaagtgnn	120
ntataatata	gtttcataca	gaattacctt	aaaaggaggt	cttatgtttt	caactacaga	180

tagttgtaag	ggatcataca	gaagatattg	atgatagttg	aaatattctt	agaaggggtg	240
tgtatgtcta	gctgtgtcta	ccatgtgtat	gtattcttga	caagcantat	naaatacctg	300
tgatntttct	ttacattacg	gataatgcat	aaggaattaa	tcttcatata	tattatcatc	360
cctaagttag	canggggaag	tatttaaatng	cccatgatat	gtatnttact	tatactatgc	420
caganaggaa	actntannnt	cattacaent	gtannctngg	gttnntcaca	tatgtacgtn	480
ttcattnnna	gtaggtngaa	gatganacta	aatatttnca	tgaatnga	ncctgatggg	540
atagcctcaa	taagtattta	aaagccngtn	ttctaaaaat	aataaagggt	aggggtcatt	600
tttgacttnt	gttgatcttt	tgctattgnt	aatattnaac	aatnnangtg	ttacatttgg	660
tacctggnag	ncnnnaatgc	catnnattgn	nnaacancct	gaggatgntg	aacaagncn	719

<210> 4875

<211> 719

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (719)

<223> n = A,T,C or G

<400> 4875

ggttttttnat	cacagctact	tgttcttttt	gcaggatccc	atcgattnga	attcggcacg	60
aggtaacttg	agtgtttggg	ggttcaacac	acacatgcaa	ttttgcttaa	caaaagtgnn	120
ntataataca	gtttcataca	gaattacctt	aaaaggaggt	cttatgtttt	caactacaga	180
tagttgtaag	ggatcataca	gaagatattg	atgatagttg	aaatattctt	agaaggggtg	240
tgtatgtcta	gctgtgtcta	ccatgtgtat	gtattcttga	caagcantat	naaatacctg	300
tgatntttct	ttacattacg	gataatgcat	aaggaattaa	tcttcatata	tattatcatc	360
cctaagttag	canggggaag	tatttaaatng	cccatgatat	gtatnttact	tatactatgc	420
caganaggaa	actntannnt	cattacaent	gtannctngg	gttnntcaca	tatgtacgtn	480
ttcattnnna	gtaggtngaa	gatganacta	aatatttnca	tgaatnga	ncctgatggg	540
atagcctcaa	taagtattta	aaagccngtn	ttctaaaaat	aataaagggt	aggggtcatt	600
tttgacttnt	gttgatcttt	tgctattgnt	aatattnaac	aatnnangtg	ttacatttgg	660
tacctggnag	ncnnnaatgc	catnnattgn	nnaacancct	gaggatgntg	aacaagncn	719

<210> 4876

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (761)

<223> n = A,T,C or G

<400> 4876

ttgaancttt	aatntnnacc	ccttttgaac	ttnttgcagg	atcccatcga	ttcgtgtaga	60
ggaggtgagg	aaatacttta	atgtgttgga	aacctgggtg	ttgaacagaa	gatacgcata	120
tggagtgggg	aatggaaaga	aaactttgtg	ctacattttac	tgtaaattat	atcttattga	180
ttcagtaaat	tcaggtggaa	tacggaagtt	caaatttaaa	gattacccat	ggactcctga	240
cctcaggtga	tcaccccgcc	tcagcctccc	agtgggctgg	gattacaggt	gtgagccacc	300
atgcccgacc	tcatcattct	tattaactgg	tttaatcctt	tcaataatcc	tattaagtag	360
aattattagg	taattagaat	taggttaaaa	agagctgagg	tgtgggtggt	cgtttctcag	420
gtaaaacatg	gctaaaagct	tacggagtaa	gtggaaaaga	aagatgcgtg	ctgaaaagag	480
aaaaaagaat	gccccaaagg	aggccagcag	gcttaaaagt	attctcaaac	tagacggtga	540
tgttttaatg	aaagatgttc	aagagatagc	aactgtgggtg	gtcccaaaca	ttgccaagag	600
aaaatgcaat	gtgaggtaaa	agatgaaaaa	gatgacatga	aaatggagac	tgatctaaga	660

gaaacaaaaa gactcttnta gaccacatgg cagtcccata tggatgacca agcaagaaaa 720
gctgcggcaa gcagagaaaa naagggaac caacaaacat n 761

<210> 4877
<211> 687
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (687)
<223> n = A,T,C or G

<400> 4877
agacaagcta cttgttcttt ttgcaggatc ccatcgattc gaattcggca cgagtattgg 60
tttgtagaaa tgctactgat tttgtacgt taatttttgt atcctgaaac ttactaacg 120
tcatttatca ggtcttttgg agggattgtt aggggttttt taggtttaga atcatattgt 180
gagtgaacag agataatttg acttcctctt tttctattta gatgcctttt gtttcttttt 240
cttgcccgat tgctctgggt aggacttcag tactatgntg aatagagggtg gtgagagtgg 300
gcatccttgt cttgttctta ggggggatgc tttcaccttt gccattcag tatgatattg 360
gctgnnggtn tgtcatagat ggctcttatt atnntgagag gtatgtcnct tcantgecta 420
gttagttgag gatttttatc atgaagggat attggacttt atcaaagtgt tttctacatg 480
tattgagatg atcatatggc cntgggnnta atctggntta tgtgctaaac ctattccan 540
atcaaaaana angatttctn ctaacacatt ctacgaacca gttcacctga accaaatctg 600
caaggcncac ancnatnata aaaaaaatc gctntaaact tnnngnnata ctaaaccaac 660
tganagnnct gatnagttgn caccnt 687

<210> 4878
<211> 724
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (724)
<223> n = A,T,C or G

<400> 4878
gnangctact tgttcttttt gcaggatccc atcgattcga attcggcacg aggaggggag 60
agaggagggc cattacaact ctgccttcaa gactcatctc ttaaaaacaa aacgaaacaa 120
aactacaacc accatcaaaa ccacacgcaa aaaaaaaaaa aggataactt taaccgaagg 180
aagggttttg ttccattcaa ctccacattc attgtgcctt tacttgcatg agatttctgt 240
gctttcttcc tttccctctt tgaagcaatt aaaatcttcc ttgataactg ctgtttcttt 300
ctactcttgt ttctggcaat ttagtgggtt ccttctctag tggctttaa tctcattcca 360
ctggtggcaa gatggggcct anccttcttt tcacatgtct aatcttttcc tttctcatgg 420
tgccctccat ggaagtcaca gtnaacactg aataaatgac tagaatgaca cgtgtgcgtg 480
ccgcacgcgt gtgcntgtgt gtgttcactc gtctgcatgt gggatcaatt tcttttagaa 540
aataatttat tgnatgattt attttgggag ttatattctg attacagnc tccttnttcc 600
aaatagcatt gatttttccc ccttnaaagn ataatctggt ctcaggttgg atctttngga 660
catntctctc tctggatgcc atgcagttaa ttaaacctt gcttaaaaca aaaanaaaaa 720
aaat 724

<210> 4879
<211> 925
<212> DNA
<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(925)
 <223> n = A,T,C or G

<400> 4879

tnnnnnnnnn	ntnnnnnnnn	tnnnnnnnng	ggnnnnnnnt	nggntttana	ctcgggaacg	60
tttctnagca	ggnggccatc	gnnncgaatg	cggcacnngg	nggtanccga	attcggcacg	120
aggggggacaa	ggctataaat	atcattaata	ccagggttcag	gagtttgac	tgcactaaaa	180
atcaactcag	ctatttgagc	accttttata	gagtggaaat	ggggttgggc	agtaganaag	240
agcactttta	gagaggcttt	tntgcagnag	ncaggggtta	cacctgttaa	ccagccataa	300
tttttttttt	aagcggctgt	gctgaggatg	agcccatgt	agttggtgca	ggtggggaca	360
cactgtctgt	gtaactagaa	aaactaggca	tggccgggca	cgttggtctna	cacctntnat	420
tccagcactt	tgggaggtca	aggggggagg	aacacttgag	gccngagaca	atataatata	480
taatataata	tattggccag	ccttgacaa	tataaataaa	gagccctntc	tgtaccaatt	540
taaaaaacta	aaaagcctng	gggtggngg	gnacaatacn	ctgtagtcct	tggcttanct	600
ttgggggaang	cttgngggca	aggtgggnatt	tgctttggaa	ncctacggan	tttcaattgc	660
ctgtnaagt	gaagcctntg	ggaatcggtg	ccncttggn	atttcnacc	ctggggttng	720
ggaggaaaaa	aacccttntt	tnacaccac	cncncncccc	ccccaaaaa	anttgccca	780
aatgtggctn	tnantaaaag	gggaannccg	aaataggggn	ttcttngtan	ttaangngg	840
caaaaaagg	gggnggntc	ctgnggaaaa	aaaaggccca	ccccttttng	tgttgngggt	900
ngggaaaaan	tttnaaaanc	ncnct				925

<210> 4880
 <211> 1170
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1170)
 <223> n = A,T,C or G

<400> 4880

ccnannncna	nccnanncc	naanngannn	accnnnnnnn	cnacnacnnn	ancngncnac	60
ncnnacnacn	cncgcccann	nacnncacnn	aanancnnnc	gcnnannnan	ccnncnnncc	120
nnncnactc	nnncnncnn	annngncacc	cnnnncnnnn	nnncnacnnc	anannccnc	180
acnancccca	naacnccngc	nntggcannt	ttnaaatcaa	ancncttggg	nnaacnncca	240
naannctnnc	accaccaccg	ananncgnc	ncacngcccg	nnnagcncc	agnnncccca	300
acnncnate	ccntncgcnc	gaacnnncta	nccngggggg	ngggggcg	ggcangggng	360
aanngnngnc	cancggccc	acnccnaccn	acacnncccc	anaccancn	ccnnnacnnc	420
aancccnnc	ccatacnnc	naccganccc	nnanncccna	cgcaccncca	cnnngaccgn	480
aancnnaaac	acacacncac	accccgaccn	cnnacaanac	cncncacnca	nncnncnnc	540
nacaaaaccc	acaccgcnc	ccncaanccn	ncnnncaccc	nacgaccacc	caacacnccc	600
aaccgcncna	ancccnacc	acnnncccac	cncccaccnc	gacnnananc	ncnnncncca	660
ncacgcnan	accaccnaa	nnccccnccc	cncccaacc	aaccnaannn	cacancagnn	720
ancnacnnan	ncanccccc	cccccataaa	ccnaccacac	ctanncancc	cagacnannc	780
aacgnccnn	ccctacaccg	annncnnnna	ncnanannac	antncnacan	ccacaccaat	840
nccgcagcag	acatcgcana	cacncagccc	ncanacacna	nccnnaccac	caanacntna	900
cnnacacaca	cnaacnncn	aacnatntnc	cacgcncaca	nnacaantcn	atcnccccac	960
gnacnntca	nncacancga	ncaatacana	ncacganaca	cancnacgan	nnccanacnc	1020
caacncgca	cngncacaca	caccacncnc	ancncacgac	nctannanac	ncacanacan	1080
ncctccanaa	cagnacncng	cncncacagc	accacacgat	nacacngnag	cacagacnca	1140
acncgcgaca	naatnncaca	cacnnacgcc				1170

<210> 4881

<211> 795
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(795)
 <223> n = A,T,C or G

<400> 4881

gnnttttnaan	nttttaaaatt	tatacanctt	nttggttcttt	ttgcaggatc	ccatcgattc	60
gaattcggca	cgagggtaga	ctggctaggg	atcctggacc	cagggttcca	cgtagcaaca	120
cctgctgagt	tctctgggtt	ttcttcctgc	ctcatgtagc	ccagacttgg	agctgaagaa	180
gctggaaaaca	tggaaacacc	aacagctaca	gacaaaaaaa	agtcccaaca	aaggcctgtc	240
agtctgccag	cctgttctgt	ggatttccaa	ctcaagatgg	cagcatcaac	tcacacctga	300
agttctgggt	tccctacaaa	ctttgaactt	gccagtcccc	acaatggcat	aagccaattc	360
cttaaaatga	atgtctagtt	ctagataatg	tgtgtattct	actggttctg	tttctctgga	420
gaagcctact	aatagatcat	ttgtcttaat	caattcaagc	tactgtttaca	gattaccata	480
gactgggtgg	ttaaaactac	aaatacttat	tactcacagt	tttggagtct	ggaagtctga	540
gatcangttt	ccagcaggat	tgagttcttg	gtgaacatcc	tcttcctggg	ctacagagta	600
ctgngttact	taagtggaaa	aagtaggggtg	agctggttct	tttggcctct	tcttttangg	660
gactaattca	tgagggctnc	accctcatga	cctatttacc	ttccaaaggc	tccatctcca	720
aataccatca	caatggggga	ttagaattca	acataggagt	tttgggagga	cacaaacatt	780
tagtccttac	ancca					795

<210> 4882
 <211> 789
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(789)
 <223> n = A,T,C or G

<400> 4882

ttcaaaccag	cttttganc	tnttgcagga	tcccatcgat	tcgnntcaaa	canagnattg	60
tgatattgtc	aaagagaaaa	acnaatcctg	aagatacatg	gaaatgtaac	ctagtttagg	120
gtgggtat	ttctgaagat	acatcaatac	ctgacctttt	ttaaaaaaat	aatttttaaaa	180
cagcactctg	tgaggaagaa	cagtattgac	ataccacat	cccancatgt	gtacctgtcc	240
agttctttta	gggatttttc	ctccaaagag	atttggattt	ggttttggta	aaaggggtta	300
aattgtgctt	ccaggcaaga	actttgcctt	atcataaaca	ggaaatgaaa	aagggaaggg	360
ctgtcaggat	gggataat	gggaggcttc	tcattctggc	ttctatttct	atgtgagtac	420
cagcatatag	agtgttttaa	aaacagatac	atgtcatata	atttatctgc	acagacttag	480
accttcagga	aacatangtt	aagccccctt	ttacaaagaa	aaagtnaaca	tacttcagca	540
tcttgagggg	tagttttcaa	actcaagttt	catgtttcaa	tgccaagttc	ttatttttaa	600
aaataaaatc	tactttataa	aagaaaaggt	gcattnctta	aaaaaaaaac	cttttaaanga	660
aaatgaaaga	agaacccttt	tncangatac	ttactttgan	gactgttttc	cccttttttna	720
tgagatatag	cttaganatc	ggcgnggggn	atttctttan	taatnctctg	ggttttggat	780
ctggccttg						789

<210> 4883
 <211> 732
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(732)
 <223> n = A,T,C or G

<400> 4883

tcnctntcat	ctnaacnctt	tgcaattncc	ctttttgcag	gatecccatcg	attcgcccag	60
ggccgncctgc	ctgagcctnt	ctgcagctgc	tcacnttttg	ctgaggcctc	tgccttcaga	120
gctagtgggg	cctgctcaca	cattccagcn	gttnccctcn	tatttgncct	gaaccaagtt	180
gtagaattta	aaggaggtga	agnaaggcga	ttncatgga	aaatatattg	nncttcttta	240
ctctcatgc	tnagtgcata	anaatntatt	atntccctg	aatgttcaaa	gtggtgtgtg	300
tgtgtgtgta	aaagaaccag	gagcaaaaa	tcttaatagg	aatgtgcgat	cttgcccta	360
tctttagcac	acttaattag	ctacaaccgg	ggactgtngc	catttgaaca	aattgntaac	420
aaaatctgcc	atgttttgct	ctttttcaaa	aggaangact	cnaataacca	tagcaacact	480
tactcagntt	tgtgatccac	tccaagatta	tgggagcaag	aacagatact	cctgaaagca	540
accctcacct	cctnccccgc	ccccctgccct	cagcaagtcc	tggcctgtgt	gaactgaagg	600
gtttggaagc	tctggtttct	aggagtgcgc	agaagcttga	aagactaggg	tgtactagtt	660
attgangggc	agttgtcant	ggcagtgtgg	gggcacccca	attngtattc	canggcactg	720
cattgctttt	tt					732

<210> 4884
 <211> 769
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(769)
 <223> n = A,T,C or G

<400> 4884

gantggtcga	actnaaccct	ttggaaantc	cctttntgca	ggatcccatc	gattcgaatt	60
cggcacgagg	gccactccgc	ctcttccctc	ccttcntttt	ttcttccctc	cccttttttc	120
cttcttccct	cccctccctc	ccgccaccgc	ccaggaccgc	cggccggggg	acgagctcgg	180
agcagcagcc	aggtagaact	ttagacttca	tagcactgaa	ttaacctgca	ctgaaagctg	240
tttacctgca	tttggttcaact	tttggttgaaa	gtgacctagt	ctcaagttca	agtgcgaagt	300
cagaacccat	ctgctgctct	ctcagggagc	caaatactga	acaagaacca	gtctcttctc	360
tcacagcctt	tgatgagtat	tccttctact	actagctctc	tgccctctga	aaatgcaggt	420
agaccattc	aaaactctgn	tttaccctct	gcactctatta	catccnacca	gtgcagntgc	480
agaaagcata	aaccctactg	tagaactaaa	tgccctgggca	tgaaacttgg	aaaaaaacca	540
aatgtntaag	ccntgttgaa	ccttactctc	gggatgcagn	ccacctataa	ctaccaaaca	600
tggnangng	aaggaggttt	aaatcccccn	agggnnactt	ttnncccant	ttctaantcg	660
cnancctttt	cncttnnaaa	ngngatnncn	tntangcng	nnggccagca	natntcannt	720
gnantaggnn	nancccnncn	tcctngcnga	ngaacnnncn	cnactcccg		769

<210> 4885
 <211> 719
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(719)
 <223> n = A,T,C or G

<400> 4885

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gtcttgcct cnaaaacct ttgcacttcc tctttttgca ggatccctcg attcgaattc      60
ggcacgagag aggggtgggt ctggccacat aggtnnctct gtggetctgg tctgggggta      120
gacactgtta gggactagca tttattggac ttgtaaagac agcacctcag aattagtaac      180
tacttgcat tttanggtctg ttntatgaan ccaacaagtg aatgtaaaat aggctctgca      240
tcttttctga gagccctgtc actgggcagt gagcatttcc aaaattgcag ctctgtcana      300
atgaaccatg aatacttaag aaagggaag taggaacagg gagcagagca aagcataact      360
tgctgtgttc cagggattta aaaataaatt actgtcaaga gcaatataag ggtcatgggt      420
ttgatcanga actttttgtg aatgaaaaag ttcacaattn ggaaaaaaca gtgctagatg      480
tgttatggaa attgttatca caaattattc cactgaaact caagtatata anacaacaat      540
atattgctgn gaaatcttan ttntgacata tggaaggtaa ccaanaataa naaccatacc      600
tttttgcttg aagtgcacgg tggtagcaat ttctaaaatt agaaacattt aagccaaaaa      660
atantnaacn ncantacccc ctcntngaaa naaaaaancc tcgnaccntt ttgaacttt      719

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<210> 4886

<211> 783

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(783)

<223> n = A,T,C or G

<400> 4886

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tngcttgga agctccatct anagagnngg anggtnggga gcncgnnaaa catgcngnaa      120
canctctagg aagtngaat ctgatacaag ctganatgtt gnntnatgga nangatcnca      180
cngaattgat tgctgtgaac acngtgnatn ncngaacca gatnaanatg tnatatggaa      240
cnattacanc antntgact gaagcaagct ggccaagcan gnctgcatgn ccgaanattg      300
aatatnactg ggcanatggn actaanatta aaaagccana nnaantgnnc tgcaccaaca      360
tacaatntgac tannnggatg acttgggttc aacgancagn cntgatagat gaaaccncg      420
tttcctnta agattggtgt nccatntncc caaaaacttt atnnctgttg caganactat      480
nntaaaaagc gncttgnnna gggtttnaan gccnntanna atcaccangc nctantgatt      540
cngtgatgcc atctgccaac taggaggcnc anctnaacnn ctacnttaag cactnnattc      600
nncttgnnt cagggnnntt aancnagntt tgataaggcn tgaantctgg cacctctnca      660
agaattagta canaaacttg gatnncaga ccnnatnaan ggncantcta ngaacacagn      720
ntccnccnn gcttaatnca ttggtagaac canctcaatn gntatccngt nantgnacna      780
ctn

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<210> 4887

<211> 728

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(728)

<223> n = A,T,C or G

<400> 4887

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gnnngnnnnn nnnngnnnnn tnnngggnnn tttgcnaata nacaggctac ttgttctttt      60
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tgactaccac ctgnatganc aggatgctga gggccggtg gtacgctgga tcattencat      180
tagtncccga aagagccgtg cttggcnaca gactccgagg gtcgttcaac tnggctgctg      240
tcccaaaccg tgctgaccct gacagtggcc atganaccat ggngggctca ggtcttactc      300
agnatgagct gacagtgcac atctccnagg agacgactgc agatgccatc gcccgnaagc      360

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tgaggcctta	tggagctcca	gggtacccag	caaagccatg	actcatcctt	tcanggcacc	420
gacacagact	cgtctggggg	cacccttgct	ncaagtgtac	tgataaccnc	tgacaggccc	480
atctggcaca	ccctttctgg	gagaagcatg	gcctacagaa	tgaacagggg	gaccaggaac	540
ccctgtggga	naggcttaaa	cctgancagt	gcccactctg	gntcctcntg	ncttggtga	600
ctggnttctg	gaccatgtgc	atttcactgg	nccatgggat	ctacatctct	tgcattccca	660
nctggctgat	cctgccangg	nccgttnctt	cctgctcatg	gncttnaggn	ngnctgatca	720
tngaaagg						728

<210> 4888

<211> 808

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(808)

<223> n = A,T,C or G

<400> 4888

tttgttggcn	ncntagtnan	nnngganana	cntcntngct	ctanaagaat	tgggttggtg	60
cngcacgang	agatgtgtcc	agtgcceent	gtggngtgtg	antagaaacn	cctgngggnnn	120
aagtgactnn	gtnggncenn	ctggcttcgt	gcangangnc	tcgtnactgn	atacgaccen	180
gccacngtgt	tctnaangac	annnccanan	atgggttana	ntcnctgctg	tgggagtctt	240
tantccaca	cncnggacan	gctggtnanc	tncactgtnc	nngatgatgc	acaccengac	300
cnatnacgtc	angacgatnc	nnntcnogac	anntatgggtg	aagatncctn	ccgtgggtccn	360
attcttnctg	nacntnctgn	gnccatgacg	ctcacntngc	tgtngagctc	gntccgtgcc	420
cangtgttgn	acatntaaca	gatncnacac	tgtcttataa	ngggaccacc	nangattngg	480
gtctctataa	nagancnnac	nntgatecct	aattattctn	agggcctncc	gttgnttttg	540
gctctgcctg	gnnttntagg	ncaacgggac	aatccaaccn	tnnccntttg	annancctta	600
tgaacaattt	ntgnncttca	naattnnnta	ngccntttng	nagnaataac	cnttttance	660
tnattttgac	ctgganttna	ttccnnccaa	tgccttcgga	agntggncct	ttnnacacnaa	720
ggggaccagg	tggaaanccc	tcttgatttg	gaccaaaaaa	ggcccnctt	ggcttnatct	780
cccttaaact	ngatnnncng	tgcnnnecg				808

<210> 4889

<211> 727

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(727)

<223> n = A,T,C or G

<400> 4889

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tctagatagg	tgtttttaac	tggggtatta	acttttttag	aatgacacag	ntgaacagtg	180
ttaataatag	tgtgtcaaga	ttgcaaagtc	gacatactca	tttggtttta	gcaggaatcc	240
tagaagcaaa	tggatgggga	taagaatagg	tcattttcta	ttcaccatcc	tttactatta	300
anggaagga	aaagaacact	agctaaggaa	gggaaaggga	agtgatctca	taaaagtagc	360
anccttcatt	ttacattctg	tctgttggtc	ttttcctgct	ttgccagnnt	gtgctaattt	420
gggaattgtg	tactccnaaa	caagtagaaa	agtgtgctg	agggattnta	ttaaatcttt	480
ttntaatgga	atgtggcnca	aattgttcat	gttaccaaag	cnatatttnc	ntgggaatct	540
aattcaaagt	tngtggmata	caacctgagc	cttttcttat	ntaacacaag	aatatgttca	600
catcttggtg	tngngccata	tttatngaag	gctgaactcn	attgtgcaag	ttgtntctgga	660

tgcngtttgt aaataactga aaataatttg gntgaccttt ttattcaatt ctgnatagan 720
nttaaaa 727

<210> 4890
<211> 748
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(748)
<223> n = A,T,C or G

<400> 4890
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acgagcntng cttttcttgn nancagcagt ttttcngnac anatttgctt tntnttacia 120
aaagannacn naaatgctgt tgnnttaaca tttcagaaca ganattgtgt tgatgtgatc 180
agtgtttggg ggttaacttt gcgttaattc ctcaggcttt gcnatttaag gaggagctgc 240
cttagaaann aaataaaggc cttattctgc aatantngga ntgaaccaat attctataga 300
acatataggt acagctgata tcgtgtatat ntcccttana gaatagctga acaccttgag 360
ccttaanacg gagctgntgg gaaacattan gcactctttt atgcgtttac tcctgcctnt 420
gcttggcact gcantcttaa ganagattca aaaggctgcn aangaganga aatctgttcn 480
nggaatgttt cacnggccna taagatgcnc naanactctg tncctngatg tntgcctggg 540
cccnatgtgn aaggnaggat gcctgctcgt tcttgcnct ntgcctctna gnacacnate 600
agtnnnccct tcaagacntt ccacttgnnt aanatattta tnnatgncan gganaaggct 660
ttaantnnat nnggacaaat aatgctttag tttntttt caaattaggg ccttntttaa 720
aaacaagggtt ggntgnannn tcctctna 748

<210> 4891
<211> 748
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(748)
<223> n = A,T,C or G

<400> 4891
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gcatttcaaa tgggttaaag attgctctgc aaagagggtta actgtngaga ttgatacagg 180
ctatcttcaa catatgtaca ttgctgtata tgacatttac ctaccattgt gcatctggga 240
cttctgatg gaccacagga attccctttt cttcccatc tcttccagat ctttcttcta 300
cttgaaaccc cttatctaca aaaatgaata aacaacccaa tctcatttct gatcngtcc 360
tggaattgat ctaaggcaan gtctggagaa gtggtgggag acagcanaca gcttngtta 420
agtcttctaa cccagcact ttctcagcct catctgngng ttctgtctc actctgcaga 480
cctcacttna caatgctctt cagatccttt aatgaatagg aaattgattt tgggtatttc 540
tatnaaatac agcagagtct tagaaacttg cagtggcctt nanangaaag aacccttct 600
taactncctg gccagattna tctttctttt atgggntcna acactaactg ggaanttttn 660
cccatgggan ggtatttgng cctttcagac tggctttttg nngaactggn tttggagggg 720
cataaaccgt aggactggtg atanttn 748

<210> 4892
<211> 714
<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(714)

<223> n = A,T,C or G

<400> 4892

ttgncnctt	aatggctngg	ctacttggtc	tttttgcagg	atcccatcga	ttcgaattcg	60
gcacgaggtc	tcataaccnt	nttngacanc	aataannnna	cgncnagaac	cttnnnnaan	120
tcggnaatc	tgnccatacn	ccacacggan	ctaactctngt	ncnngacatt	anancctnaa	180
ngcatgcgag	tttnctaana	aggcngttnt	ctttccaaag	tggtngccaa	ntttatnact	240
tatgtgnana	attgnttncn	gatgactgcc	anaaggcttt	tnaagatcta	nnctgtgtna	300
ggaagttnn	taagaaaatn	gctgnacnan	ttgctanata	nttgttnngcc	atatntnatn	360
antgtaccan	ttgatacttg	gctgtncctt	ctataangca	tagtgagaan	ttncnctanc	420
gantttnta	aatgctnttc	nggtnacatt	gccaagaatn	tggtgcnnca	naatgnntaa	480
taattntacn	ngatngaacg	tctacctagg	cttaggactc	aagctnnatg	gaatgctgtg	540
tagnacacat	ttgtaaccgn	gnccgacatg	gaaatngtgg	gnaaacngan	ntttcctgng	600
aaananaact	caggtttttac	tttngcagg	gcantncnnn	atntntcn	ccctacaact	660
gtgtgagcgn	agntnccttt	ntcnacttg	tgggatacnt	ggntaanncg	gcca	714

<210> 4893

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(778)

<223> n = A,T,C or G

<400> 4893

agnnntnnn	nggtctnncn	tctcctngna	aacccttaat	ggcttggtcta	cttgttcttn	60
ntgcaggcag	cccatcgctt	cnaatncggc	acgagcntat	gtnatgctnt	cacctccct	120
gtgtaggaaa	gacctttaac	taccagctgg	tagtngtctc	ancattcttc	aaatagtcg	180
gtcttgttta	atattattat	tattatngtt	atttaatttt	attntattgc	aactgtactt	240
agagaatagt	ctggtcttga	gaccttttca	ctgnggtctg	ntctggtgta	cggctccac	300
cagtgtgaag	cagaaggatg	actttgctct	gttggtcagga	caaccttgaa	ggaaggagcc	360
aaatgtgtgg	aggtctgtgg	gaagagagag	ccacctagca	tgtccccact	gaaccagtca	420
gcaagaaggc	cttccccagg	aggcctccaa	cagatccctg	aatgccacat	aaacctcana	480
ggcttgngga	tcccaggacc	ctccaggcgc	tcaagatctc	cctttgccgt	ggctcttcc	540
gtcatcacac	tggccacagt	cctctccaat	gcctntgtac	tcaccaccat	cttaactcac	600
caggaaagct	tcacacccct	gncaactacc	tgattggctt	nccttgacca	ccaccgaccn	660
cttggttttt	ccatcttggg	taatgcccc	tcangcattt	gccttattcc	catttaaccc	720
aacannctgg	gaacttttgc	caaaatcttg	nngtgaacaa	tttggtggc	ctcngacn	778

<210> 4894

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(787)

<223> n = A,T,C or G

<400> 4894

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tgancagggg	gaaatgnaat	gctgagactc	acancaggng	gtgcgncnta	nngacctntn	180
nctgnannga	nanantgnag	gccacnatac	actngatgan	nnaatggact	nnctcttnaa	240
agtgtctgna	ntgctnctgc	cataantata	gtanatatna	canttgccnt	ggtccnnctt	300
ctacctnaga	atgctgtgtc	ttacgctctg	tcttcccana	tctcccanna	nttggaann	360
tctgaggtca	gagggcaaaa	ngagaacctt	ttaattctga	ntctgacata	atcagatctg	420
gaaccagttg	nnaagctgta	anacttatgc	angcgtaagg	tggttggtgg	tttaagccnt	480
atgntagctg	tggntntcta	aaanantntg	aatntatctc	tgtcatagn	tttgacctgc	540
atttgctaan	ngngtcnnta	anggatgtgg	ngannntggn	anttncccca	tgcattccna	600
ngtctnnggc	cnntanaaac	cnggnccaat	tgaagttcaa	cntttaactt	tnggcctgta	660
naggaccatt	tggccatngg	tgnccctgtt	taaagggaa	gaatnttgng	aatncgatta	720
agccatttnt	aatttccttn	nttggccttn	aatcccccnt	ggaattcttt	nncngggaa	780
cccttttt						787

<210> 4895

<211> 863

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(863)

<223> n = A,T,C or G

<400> 4895

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cangctggag	tgcannggcg	cantctcggn	tactgcanc	ctccacctcc	cgggttcaag	180
ccattctcct	gcctaancct	cccagtagc	tgggattacg	gccgcccnc	accactccc	240
gctaattttt	cggatttttt	agtngatata	gggnttcacc	gtgttagcca	agnatggtct	300
cgatctcctg	accttntgga	tccacccacc	taggccttcc	aaantgctgg	gattacaggc	360
ctganccact	tgcgcccggc	acattcaggt	tcttatcaan	gaaataaccc	agactttaat	420
cttgaatgat	acnattatgc	cccaatgttt	aagntnanaa	aaatttcctt	aaaaaggtta	480
tctttaaaat	nagnatcttt	anngcnaaaa	tacccaagct	tgatggaaag	gccatcttgg	540
atgcccctnc	attcttgn	caattccatc	ttcccaaana	nccaggttcn	aaantaaccc	600
cctttnttgg	ttggggcnat	atgnaaattt	tttaaaggga	gttnaattcc	aanatggatt	660
nnaaaccaga	ctgccntgaa	ttgganaaat	tnntgatttc	cttcaaaatt	gtggtttctt	720
ttctaaantt	ggctggnccc	ttaatttggg	ttaatttaaa	tccatgntat	tattgattaa	780
atctngangc	angatgaaac	tttaccagtn	ttggaaatta	attactaant	taatcncnaa	840
tatntnnaan	tttttccttg	atc				863

<210> 4896

<211> 723

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(723)

<223> n = A,T,C or G

<400> 4896

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cgggtggaact	gagtgccact	cgtaagaatg	ccagcaacat	ggagtacagg	atcaataagc	120

cgagagctga	ggattcaggc	gaataccact	gcgtatatca	ctttgtcagc	gtccctaaag	180
caaacgccac	cattgaagtg	aaagccgctc	ctgacatcac	tggccataaa	cggagtgaga	240
acaagaatga	agggcaggat	gccactatgt	attgcaagtc	agttggctac	ccccacccag	300
actggatatg	gcgcaagaag	gagaacggga	tgcccatgga	cattgtcaat	acctctggcc	360
gcttcttcat	catcaacaag	gaaaattaca	ctgagttgaa	cattgtgaac	ctgcagatca	420
cgggaagacc	tggcgagtat	gaatgtaatg	ccaccaacgc	cattggctcc	gcctctgttg	480
tcaactgtcct	caggggtgcg	agccacctgg	ccccactctg	gcctttcttg	ggaattctgg	540
ctgaaattat	catccttgng	gtgatcattg	ttgtgtatga	gaagaggaag	aggccagatg	600
aggttcctga	cgatgatgaa	ccagctggac	caatgaaaac	caactctacc	aacaatcaca	660
aagataaaaa	cttgcgccca	tagaaacaca	aattaagtac	tgcttacaat	atctttangn	720
tcc						723

<210> 4897

<211> 771

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(771)

<223> n = A,T,C or G

<400> 4897

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tggnnncann	gtnnanngnn	ctnnctcngn	gtatncngtt	cncannctna	ncgatncatg	180
tnctntactt	gatcnggata	naactgtatn	agaaccaang	nacttnncan	nngctactga	240
ccntncccat	gtcnncctgc	acgtagtgtg	atagatanca	ctaccnntna	ccagntcgat	300
gaacccgatn	ngtcctgcag	ctggtncana	ctgtctgngc	anctnncnnc	ttgcagttgn	360
accttnnggn	ccttggtaat	gncactacca	ntgtgctgtc	cttatgccat	ggatgttgnt	420
cccagatctg	tactaacnnc	tnccaggaca	tggccaattt	gggtagcccc	tnantgnaga	480
tgnnctgacn	ntganatcac	tgatnactan	atggggctca	ncgtgattta	catgccactc	540
ttggtnatat	ggtcttantn	gatgnnanct	ngatgntggn	caaccttntg	gaatgacctt	600
natgagctgg	anccatgaaa	ganattgnnc	caagcattnc	ccnntgacgg	ngantatggg	660
ctnantnccc	ttattactat	tncttntgtg	gacttnttan	taanattctg	caaagctcan	720
gtccaaattg	natnaccttt	ngnaggcann	accnttcatg	gntnttgtgn	t	771

<210> 4898

<211> 732

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(732)

<223> n = A,T,C or G

<400> 4898

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ctcagacacg	acttgaagg	gaagtgactc	ctaattcctt	gtcaaccagc	tacaagacag	180
tgtcattgcc	attaagctct	ccaaacataa	agctgaatct	cactagccct	aaaaggggtc	240
agaaaagaga	agaagggtgg	aaagaagttg	tacgaagggtc	aaagaaattg	tctgttccag	300
cctcagtgg	gtcgaggata	atgggaagag	gaggatgcaa	catcactgca	atacaggatg	360
ttactgggtg	ccatattgat	gtggataaac	aaaaagataa	gaatggcgag	agaatgatca	420
caataagggg	tggcacagaa	tcaacaagat	atgcagttca	actaatcaat	gcactcattc	480

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aagatcctgc taaggaactg gaagacttga ttcctaaaaa tcatatcaag aacacctgcc      540
agcaccaaata caattcatgc taactttctca tctggagtan gtaccacag cagctttcag      600
ttaaatagca ttttctttgg gtgctccaac tctttgnaac tttacangng aacaaccgtt      660
ttctacngtt tcaanccent ttattaaacc tttatnagga atgttcttaa aaaaaaaaaa      720
aanaaaaaacn nt                                     732

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<210> 4899
<211> 751
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1) ... (751)
<223> n = A,T,C or G

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<400> 4899
nggagggntn nnnnntnata gacagctact tgttcttttt gcaggatccc atcgattcga      60
atnccgcneg agcctgtgtg ggggtgcngt acattgcana cgctctagng acctgttgtg      120
atgaactntt ntcnatggag agantcactc nngncntanc anccggnccg gnggatcaag      180
aganaengtg tancnctcng aggatataac tnnncaagat ntactactga tgcanccnat      240
tntngccttn nacntgnggg cattacacnt gctnntgatg ntagnntnaa atgnnttaac      300
agnanncnnc cnattcatga ctgccgtggg atctaaggga atcaatgccca actgtntacn      360
tntggactct naaagctaata attgtacatg gtctatcagt ccnggaaatn tngcttataa      420
tatnatgng ncnttttaata gacntntatn nnnnagatcn ctcacttttn cnanagggct      480
ataatgagat tcacgaagtn tgcttacnng agagcanaca tccggtnatn atactgaaan      540
tcctgtggnn atnaaggntt ttgaacactt gcaattatnt gaattaattc agncctgggt      600
aagaactncc aggaagttca cananagant ccattntgtt gaaactgcct ntggatanta      660
ctccantgnt gnatgctctg ntganatctt ccanntgggc taccgattna aggccatgggt      720
caagntnctc acttngcagg nctgaattac c                                     751

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<210> 4900
<211> 719
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1) ... (719)
<223> n = A,T,C or G

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<400> 4900
gtcttgctct cnaaaacctt ttgcacttcc tcttttttgc ggatccctcg attcgaattc      60
ggcacgagag aggggtgggg ctggccacat aggttnctct gtggctctgg tctgggggta      120
gacactgtta gggactagca tttattggac ttgtaaagac agcacctcag aattagtaac      180
tacttgcat ttaggtctg ttntatgaan ccaacaagt aatgtaaaat aggctctgca      240
tcttttctga gagccctgtc actgggcagt gagcatttcc aaaattgcag ctctgtcana      300
atgaaccatg aatacttaag aaagggaaa taggaacagg gagcagagca aagcataact      360
tgctgtgttc cagggattta aaaataaatt actgtcaaga gcaatataag ggtcatgggt      420
ttgatcanga acttttttga aatgaaaaag ttcacaattn ggaaaaaaca gtgctagatg      480
tgttatggaa attgttatca caaattattc cactgaaact caagtatata anacaacaat      540
atattgctgn gaaatcttan ttntgacata tggaaggtaa ccaanaataa naaccatacc      600
tttttgcttg aagtgcacgg tggtagcaat ttctaaaatt agaaacattt aagccaaaaa      660
atantnaacn ncantacccc ctctnngaaa naaaaaancc tcgnaccntt ttgaacttt      719

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<210> 4901

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<211> 719
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(719)
 <223> n = A,T,C or G

<400> 4901

gtcttgtcct	cnnaaacct	ttgcacttcc	tctttttgca	ggatccctcg	attcgaattc	60
ggcacgagag	agggtggggt	ctggccacat	aggtnnctct	gtggctctgg	tctgggggta	120
gacactgtta	gggactagca	tttattggac	ttgtaaagac	agcacctcag	aattagtaac	180
tacttgcatt	ttanggtctg	ttntatgaan	ccaacaagtg	aatgtaaaat	aggctctgca	240
tcttttctga	gagccctgtc	actgggcagt	gagcatttcc	aaaattgcag	ctctgtcana	300
atgaaccatg	aatacttaag	aaagggaaag	taggaacagg	gagcagagca	aagcataact	360
tgctgtgttc	cagggattta	aaaataaatt	actgtcaaga	gcaatataag	ggcatatgggt	420
ttgatcanga	actttttgtg	aatgaaaaag	ttcacaattn	ggaaaaaaca	gtgctagatg	480
tgttatggaa	attgttatca	caaattattc	cactgaaact	caagtatata	anacaacaat	540
atattgctgn	gaaatcttan	ttntgacata	tggaaggtaa	ccaanaataa	naaccatacc	600
tttttgcttg	aagtgcacgg	tggtaccaat	ttctaaaatt	agaaacattt	aagccaaaan	660
atantnaacn	ncantacccc	ctcntngaaa	naaaaaancc	tcgnaccntt	ttgaacttt	719

<210> 4902
 <211> 779
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(779)
 <223> n = A,T,C or G

<400> 4902

tcattcnmnt	nctagnnctt	ggtgcgganc	cntcncttcg	nattcggntc	naggtcttca	60
ctgntggctg	gttcccaagc	aggantgncg	agctctgggc	ctntcaaaac	tnaaggctcg	120
cttgaacntg	acntagactc	ctaattgcctt	gtttgcnena	ctacngaacc	ntncnataga	180
catcgnnnnn	tcngatngtg	acacagnctt	ngncnatcnn	tatacngnnn	cngnctntat	240
antaaggntt	ntnggantnt	ggacgnacgt	ngtcnagatg	natagactca	gactcatctg	300
atgtgatgat	aagacagaan	tggagngccn	gacntgantt	gtctgcagga	tgngtctgaa	360
ncnnatgtnc	ctgtgtgtga	tcttaaagat	gtgaatgctn	tnagnennat	nnccttaatg	420
nntgmnacga	gttcgacaag	atttgcgatt	gacttccana	ctntacncnn	tgntgntcct	480
gntagatggc	tntaaanact	tggntctccn	atgtggtcac	atggagaacc	ccttnctgng	540
negancnttg	ntcangcctn	gncttttcnc	ctggaagnag	gntcccactt	tnggcttgcn	600
caattngggc	naatggcatt	nncctttttg	ggngnncnc	cnancttggt	nggttnaacn	660
ttcctaagg	gccanaanc	cntttnanct	ccccttttnc	ctgcccantt	ctcaatccac	720
ctntnaattt	ccnaagnng	ttntnaaaac	tntnaaacct	tttcnanaaa	gcccctnct	779

<210> 4903
 <211> 779
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(779)

<223> n = A,T,C or G

<400> 4903

tcattcnnt	nctagnnctt	ggtgcegganc	cntcncttcg	nattcggntc	naggtcttca	60
ctgntggctg	gttcccaagc	aggantgncg	agctctgggc	ctntcaaaac	tnaaggctcg	120
cttgaacntg	acntagactc	ctaatagcctt	gtttgcncna	ctacngaacc	ntncnataga	180
catcgnnnnn	tengatngtg	acacagnctt	ngncnatcnn	tatacngnnn	cngnctntat	240
antaaggntt	ntnggantnt	ggacgnacgt	ngtcnagatg	natagactca	gactcatctg	300
atgtgatgat	aagacagaan	tggagngccn	gacntgantt	gtctgcagga	tgngtctgaa	360
ncnnatgtnc	ctgtgtgtga	tcttaaagat	gtgaatgctn	tnagnncnnat	nnccttaatg	420
nntggnacga	gttcgacaag	atttgcgatt	gacttccana	ctntacncnn	tgntgntcct	480
gntagatggc	tntaaanact	tggntctccn	atgtgggtcat	atggagaacc	ccttnctgng	540
ncgancnttg	ntcangcctn	gnccttttcnc	ctggaagnag	gntcccactt	tnggcttgcn	600
caattngggc	naatggcatt	nncctttttg	ggngncncc	cnancttggt	nggttnaacn	660
tccntaagg	gccaaanaanc	cntttnanct	ccccctttnnc	ctgcccant	ctcaatccac	720
ctntnaattt	cccnaagngg	ttntaaaaac	tntnaaacct	tttcnanaaa	gcccttct	779

<210> 4904

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (779)

<223> n = A,T,C or G

<400> 4904

tcattcnnt	nctagnnctt	ggtgcegganc	cntcncttcg	nattcggntc	naggtcttca	60
ctgntggctg	gttcccaagc	aggantgncg	agctctgggc	ctntcaaaac	tnaaggctcg	120
cttgaacntg	acntagactc	ctaatagcctt	gtttgcncna	ctacngaacc	ntncnataga	180
catcgnnnnn	tengatngtg	acacagnctt	ngncnatcnn	tatacngnnn	cngnctntat	240
antaaggntt	ntnggantnt	ggacgnacgt	ngtcnagatg	natagactca	gactcatctg	300
atgtgatgat	aagacagaan	tggagngccn	gacntgantt	gtctgcagga	tgngtctgaa	360
ncnnatgtnc	ctgtgtgtga	tcttaaagat	gtgaatgctn	tnagnncnnat	nnccttaatg	420
nntggnacga	gttcgacaag	atttgcgatt	gacttccana	ctntacncnn	tgntgntcct	480
gntagatggc	tntaaanact	tggntctccn	atgtgggtcat	atggagaacc	ccttnctgng	540
ncgancnttg	ntcangcctn	gnccttttcnc	ctggaagnag	gntcccactt	tnggcttgcn	600
caattngggc	naatggcatt	nncctttttg	ggngncncc	cnancttggt	nggttnaacn	660
tccntaagg	gccaaanaanc	cntttnanct	ccccctttnnc	ctgcccant	ctcaatccac	720
ctntnaattt	cccnaagngg	ttntaaaaac	tntnaaacct	tttcnanaaa	gcccttct	779

<210> 4905

<211> 720

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (720)

<223> n = A,T,C or G

<400> 4905

ttgcnaactt	aatggcttg	gganactngt	tctntctcna	ggntgccnng	cgtttcgcaa	60
aaaggcaaag	accaagacca	ccaagaagcg	ccctcagcgt	gcaacatcca	atgtgtttgc	120
catgtttgac	cagtcacaga	ttcaggagtt	caaagaggcc	ttcaacatga	ttgatcagaa	180

cagagatggc	ttcatcgaca	aggaagattt	gcatgatatg	cttgcttctc	tagggaagaa	240
tcccactgat	gcataccttg	atgccatgat	gaatgaggcc	ccagggccca	tcaatttcac	300
catgttcttg	accatgtttg	gtgagaagtt	aatggcaca	gatcctgaag	atgtcatcag	360
aaacgccttt	gcttgctttg	atgaanaagc	aacaggcacc	attcangaag	attacctnag	420
agagctgctg	acaacccatgg	gggatcggtt	tacagatnan	gaantggatg	agctgacaga	480
gaannccctat	tgacaaaaag	gggattcaat	ncatcnagtt	cacacgcntc	ttgaaacttg	540
gagccaanac	aaaattactg	aaaggaactt	agctaaanct	ttncanttcc	atggcttact	600
ctttttactt	nttaaacctt	ccccnccttt	tanaacntnt	gnatttncaat	taattttaana	660
attttggccn	tttttttttg	gggggtttnt	nccanctttt	tnccttttgnc	tttgggttaan	720

<210> 4906

<211> 1593

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1593)

<223> n = A,T,C or G

<400> 4906

ttttttggna	aaaaancccc	caaantanc	aagggccctt	aacctttggg	ttttcttttt	60
ttttnggcca	gggggggaatc	cccccnatnc	cggnaatttt	cccgggaaaa	tttncggggg	120
gccaaccgga	aggggaatttn	gggttaagncc	aaaagggttt	ccaaggccta	aattggggng	180
aaatntgggg	ctcttttncct	catcnanggc	actactnct	cgctcntaac	aanannannn	240
tatntanntt	tntatacctt	atcanncaca	annnnctcct	netacntacg	tatacatntt	300
ataatnnnat	ttanctatcc	atnctactnc	cctcantcnc	ttataantac	ctntcctact	360
cctacatatn	gacnctctga	ntnttnnctn	anacnaancn	ncntntnnna	ttntttctct	420
attantaaa	annntccnnc	tagtncttat	atantatcan	tacttnntct	atnaccgatc	480
acntcntaan	cnttatcttt	cntatntaon	ctacnnatnn	ccatnattat	cgctcnnatt	540
ancttntnat	ttactacang	antgntctat	catnctcna	tancnacnnc	tctnttccat	600
actnncnatt	tgacnacngn	ancatngttg	ttctccttat	ncatgntcgt	ttnatacann	660
actacattat	caatnatntc	nctnantatt	cnaanntacg	cantncncat	nnctactcan	720
nnanncnnta	cctactnant	tctnacnatg	tctntgttaa	ctatattaac	cgtnccgnacn	780
tanacatcaa	gtnnacatac	ntanccngan	acataccaaa	ncnatannnta	acatatcnct	840
nacttacana	nngacnattc	tactacatca	atctacctnt	ctgtaangna	ccctttatga	900
tactaccaa	ancatncgnt	ctacttctct	cactccntac	ncatacnant	nttgcattnng	960
cnatcncacg	tannnncccta	cactatagct	annnttgntc	tenttttntc	tcactantcn	1020
ncactntnta	natanntant	ctntctnnnn	gnctctgtng	tnaaactcca	cgcatntaca	1080
ccgctcnaaa	netccctacc	canctnnctn	tateccctcc	nnmntnaann	tatangtctc	1140
tatatacnct	ctncanantn	acatctntta	ttctccncta	tgcccttttc	aacaaaatac	1200
acannanact	nactcttctn	aacatangac	atactnccgn	tctanantca	tcanntant	1260
cananantnc	ntacnnantc	ancttcttta	nnanaccnnc	gtatntntct	tntctnnnat	1320
ctntntncnn	tntctaaatt	tagttntctn	cctcncatgt	nttanencaa	nacactntca	1380
tncatgcann	ttcnatacna	atacntannt	acatntcatn	canntnnatt	actnaangac	1440
atanccgcca	tatatactan	gattgtaaca	ttcatnanna	ncnnccngnat	ntacacntta	1500
ttctctatat	natatcttgn	atntcacnnc	ttctntcnat	ctntacnann	tcangtttnc	1560
ancacnatct	ntctnacntc	ancctccaaa	ccc			1593

<210> 4907

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (749)

<223> n = A,T,C or G

<400> 4907

gnncttngaa	tttaannccn	ttngctactt	gttctttttg	caggatccca	tcgattcgaa	60
ttcggcacga	ggttcctgat	atggcnggct	atcctcacat	gtcgttacat	tncatcagga	120
ttggatggaa	catcattcag	aggtcctttc	acgggcaatt	ttgaggaact	gattcatttg	180
gaagaaagat	taggcaatgt	caatcgtgga	gcaccccang	ggacaattga	aagatgtaca	240
tatccacata	aatacaaaaan	ggttacaact	gattggttct	cacagaggaa	actgcactgc	300
aaacaagatg	gggaagaang	gactgaggaa	gacncacagg	aaaaatgtac	tatctggtnng	360
nctatttttag	aggaagggtga	agatgtgaga	cgtcttgcac	gtatgcacct	tttccaccaa	420
gtgtgtgttg	accaatgggt	gattccaata	agaantgccc	catatgcaca	gtggacattg	480
ngcccatctg	ccaagtgaag	gntgacacca	tgttttnana	ctnttgccct	ccctctcatc	540
ccattacttc	ctgntgctgt	acttcaacnc	nnagatggca	tgacttaact	gcgagatttt	600
ggaagcattg	naacttataa	tgctgnctnt	gctatatggg	acaacttatg	cttagacctt	660
cagtttatgt	atcaagtggc	tttgangtnt	tatnaaagct	ttttttctag	attgacnttt	720
tcngctcant	tactggttnt	tgcnnggtc				749

<210> 4908

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (789)

<223> n = A,T,C or G

<400> 4908

ttatnctgtn	nnnnnttttna	aannatagct	acttgttctt	tttgcaggat	cccatcgatt	60
cgaattcggc	acgagccgga	acaaggacca	ggaggtgaac	ttccaggagt	atgtcacctt	120
cctggggggc	ttggccttga	tctacaatga	agccctcaag	ggctgaaaat	aaatagggaa	180
gatggagaca	ccctctgggg	gtcctctctg	agtcaaatcc	agtgggtggg	aattgtacaa	240
taaaattttt	ttggtcaa	ttaaaaaaa	aaaaaaagcc	tctagaacta	tagtgagtcg	300
tattacgtag	atccagacat	gataagatac	attgatgagt	ttggacaaac	cacaactaga	360
atgcagtga	aaaaatgctt	tatttgtgaa	atttgtgatg	ctattgcttt	atttghtaac	420
attataagct	gcaataaaca	agttaacaac	ccaattgcat	tcatttttatg	tttcangttc	480
agggggagg	gtggggaggt	ttttaattcg	cggncgcggc	gccaatgcat	tgggcccggg	540
cccacttttg	ttccttttag	gagggtta	tgcgcgcttg	gcgtaatcat	gggcatagtc	600
gtntcctgtg	tgaaattgg	atccgctcac	aatttcnca	caacatacca	accgggagc	660
cntaaagtgt	aaancctggg	ggtgccttaa	tgaagtgagc	taacctcaca	ttaaattggg	720
gttgcgctca	ctgggncccct	ttccagnccg	gaaacctttc	ttgccaanct	ggcattttaa	780
gnaatnngg						789

<210> 4909

<211> 1214

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1214)

<223> n = A,T,C or G

<400> 4909

gcncctcccc	cttnttnaaa	ccnttttnaaa	acccttggtt	aaaccccttc	nnatttnctna	60
------------	------------	-------------	------------	------------	-------------	----

tngettggn	ctacctnctn	nacctnannt	nnnatncac	ggntngcnnt	tttencagtt	120
ttnnccnccn	cttntncaact	cagcaacttt	ntnacnctta	atntgcanct	ntctnctan	180
cgggngggcn	anantanatg	gnataacang	gntgtcnncn	gactgntcct	ggccntgnaa	240
atancatctn	tnatggntaa	ncacannttn	tccanagcnn	aatagnntng	nggccnctg	300
aanccccaan	ncctnattnn	cagcaccac	ctttattatt	nantatgna	tcataccanc	360
tcgannncc	atnggtggnt	ntctngngcc	antgnaatat	angccgcagn	catntngnnt	420
aacgntatcg	ntgcaacant	cnntccaact	gnaacantng	ctcntnnctt	cgccactnnt	480
aatanttncg	ntcattacca	agtatnanaa	ngntatcttn	tncacactaa	ntnagcgngc	540
ncaaagntng	natnatcact	cnnatcnata	actnnnantn	atnnnnnang	gtncaanatc	600
ttttntanat	cnntatattt	atantcnant	tntantnnna	attcanntgc	ttgnnancac	660
atgnanncta	nnnttanntn	annncnntat	nccttttatn	gctnttcccn	tttnnantnc	720
anttagacnn	tacntnnccn	tnangcgcn	ntattaanca	acannannnt	tnnantcann	780
tnctcntnn	cgattctntc	gncnccntc	actgcenccn	ntnntcnct	nnctntnccn	840
ntnnctnnnn	nngtcnnnnt	ntctcttct	tcagncnctg	tcacgctctn	atantannac	900
gtatactntc	tnctnntann	atactcgana	cacactgntg	atatannctt	ntntacatct	960
atcantacgn	ncnanatcat	anantnntcn	atanctctca	cactctntca	cgatngtntc	1020
atcgaccac	ttcgnnactc	atagatntnn	atatanntac	cnngtgntan	tctnntnnat	1080
cantaanaan	gcangcacga	cgnacatctt	gctntcnnc	natntcnnt	ctcnatnatn	1140
nantnacact	aancacnata	cncactaact	atattactcn	catntcancn	ctactctatg	1200
actctancta	ngcc					1214

<210> 4910

<211> 1192

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1192)

<223> n = A,T,C or G

<400> 4910

gnnaaggggt	nnncntntc	ttnttctgct	ttngtgcac	gtentcgacn	gngnctcngn	60
ctgntctaga	tgacctctcc	gcttttttn	catngaaaag	ctcnanacnt	gtnnctaaat	120
ataannctna	agannggacn	ctanaaanng	ctcactatac	atgctcaact	aaacnncccc	180
tgantatat	gcgctaggng	aagcatgctc	ntnactaga	caattgactc	tgctttagnt	240
aattccnatt	ccggaaaactc	gcgcaaccgc	gtnnccctggg	gacctoctat	ctcntngaaa	300
cgatgaaaaa	gcccacccct	tttagngtcn	cncctngagg	aaatnggcgc	cattgggcga	360
nattcgccct	ccaaagggaa	aangnggggt	tagacncang	nccttttcac	ccctngggna	420
ggngttgnaa	gnngaatagg	gnctcnaaat	ccccnaatt	tcctnngngt	nnaaatgggg	480
gccacctcng	taaccantcc	cttggtgggg	gaaaaatttn	gccttnatta	ncccttnact	540
nnnggnaaac	ctttncggga	atnggtangc	aaaaattttt	tggttgggg	gcctttttgg	600
ggccntaagg	natttcnggg	ggntttancc	cccaaaattn	tttcgtnggg	gncanattna	660
ccaagnnnn	ccanttggan	accccaattg	gttgggccct	ncccttggg	ttntnggggc	720
ttaccttana	aaaatnctcn	gagggggcct	taaanccttg	gtnggaacct	ttttttggaa	780
aaggttttcn	ccnggggnntt	nccnttttna	aagggcgtta	atanccngg	ggctcttagtt	840
tnngnanaaa	anccaatntt	nttcnccnaa	attgggtttt	ggggcctttg	gtatcccccc	900
gnaaattncc	aattncaaaa	aatttcccct	ggggnnccaa	ttttncnta	ancccttttna	960
aaccgggttaa	aaacctnggn	ggggncnat	ttnttttngg	ggntnnaana	atttgccna	1020
accgttntta	acctnttnc	ccctttaatt	cgngnttnn	ccccannntt	ttgtnggcc	1080
cctaaacgng	cntaaccagg	ggaccttttt	nggggaaanc	cttntccat	ganaaccctt	1140
tccttaaaaa	aaggnggtgn	cnacntggg	aggaancatt	nttggggaa	tn	1192

<210> 4911

<211> 1006

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1006)

<223> n = A,T,C or G

<400> 4911

gencannccg	annnccncan	ccannccnnn	ncnacnccn	aaacgnnaa	agccgacgcc	60
acangncccc	gcgancgccc	aggctgaanc	ttgcnttcaa	aagctggaan	cgacacgctn	120
nagnncnagc	nacngcncgn	gncacgaggc	ccatgtncag	ntccaagac	cnmcangaca	180
ccgcccattg	ggaagccccc	gnggncngga	ggcgcacagg	aagaagggga	tnggggcagg	240
aanaagccca	nggcccaagg	aagaccggag	gaccanaag	gncaggaaga	gacacncacg	300
cnccgncnca	cannnnccgn	acaaganacn	ancangggga	gcgacnagcn	aacanncaca	360
gnangagaag	ngancaccat	gngcgacgna	nncacacgca	ccnagcgngc	nagaatggac	420
ncanagacca	canngtgaga	annaagccnn	agacganaag	aacncangng	ccgcangcnc	480
ccngagagggn	cccccccg	canaacatgn	cancnactac	accngncnna	cnaaggggac	540
tcaggngata	ngaaggcncn	acancgcng	naggnaaaac	nngcacacnc	nggaaacnnn	600
gaacctgna	angnnnnncn	aaaaaaaccn	cangggngaga	aaagagcaaa	gngcgngcac	660
gcagggggnn	cgnaannana	aaaccnngc	aggngaaaac	cacngggcta	naaccaggnc	720
ncaagngnac	ggaanaacaa	cgagcnaaag	nnacactaan	gaaagnngng	cgcaacngna	780
aaggggnaac	nanccncang	ncncacgcan	gggaaacnan	cgnnnaccga	naaaaggggc	840
aanngagncn	ccnnggggaa	aaggcaccaa	naagctataa	cccagagaca	gagnnnanng	900
ccccnccga	gagaaanccc	agagnaanna	ngacgnaann	aancntcnaa	naaacagcgc	960
ncaaaaangcg	tggnacannn	caaacancna	acnccngna	ancccc		1006

<210> 4912

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 4912

tnaatatcag	ctcttgttct	ttttgcagga	tccctcgatt	cgcangaggg	tgttcgactg	60
ctngagccna	gcgaancgat	gcctaaatca	anggaacttg	nttcttcaag	ctcttctggc	120
ngngattctg	acagtgaggt	tgacananag	ntaanccagga	aaaacaagtn	gctccagaaa	180
ancctgtaca	gaaacataag	acaggtgana	cttcgagagc	cctgtcatct	tctaaacaga	240
gcagcatcng	cagagatnat	nacatgtntc	atattgggaa	aatgaggcac	gttantgttc	300
gcnattttta	aggcaaagtg	ctaattgata	ttanagaata	ttgnatggat	cctgaagggtg	360
aaatgaaacc	aggaagaaaa	ggtatttctt	taaatccana	acantggagc	cagctgaang	420
aacagattct	gacattgatg	atgcagtaag	aaactgtgaa	attcgagcca	tataaataaa	480
acctgtactg	tctagtgtnt	ntaatctgtc	tttttacatt	ggcttttgtt	nnctnaatgt	540
tctccangct	attgtatgtt	tggattgcag	angaatttgn	angatgaata	cttnntttta	600
atgngcatta	ttaaaaatat	tgagtgaagc	tnatngtcaa	ctttattaag	gattactttg	660
ctgccaccac	ctagtgtcaa	ataaaatcaa	gtaatacaat	cttaataaac	ntttaaacta	720
taaaaactcg	acccttagac	ctatantnag	tcggttn			757

<210> 4913

<211> 711

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (711)
 <223> n = A,T,C or G

<400> 4913
 gtnactaatg gctgggctac tcgttctttc cgcaggagcc cancgattcg tcnagtgnct 60
 gnggnttgtn antntnngcc nnggcantna ttnattgnen ntngatgatt gatatacaaca 120
 nttgaggtaa aaatatnecat gaggtctaaa tataacatgt aaatgcaatn tcatacttta 180
 tttncattgg caagataaca ttgantaccn atactgnggt atttgacaaa caagcttgat 240
 gcatcgtgat ntcnncntta ttccctttt ccttgnttta aaaagatgca ctgcgttgtn 300
 atncncnggn natatganta ctatgngcac naaaacnana anntcngatc attcgantag 360
 agganaaatc nganctnecan tencattcgt tctnattcng nngnanggat ctngtaggtc 420
 ctccnttctn agatgtggnt ttaggcacag agcntaggca tccctgagac tccttataaa 480
 tgcataaatc tcaggcncag cccagatnac ttggagcata atntgcagtt tgcaagatcc 540
 ccaggcaatt catgtgcatg tgaaatnngg acaagcacct ttntgggcga tgcaagacca 600
 ctcatnctcg cgtgcctatn acggtttnca aacacatcgg atcccatctc aggagcctga 660
 cccgtgtnta nctanattaa ncttcactgn tgatcttnat gatgcataatn a 711

<210> 4914
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (749)
 <223> n = A,T,C or G

<400> 4914
 agagnnnnnn nnnntgtcgn ntactnaatg gcttgggttg gttgttcttt ntgcagggnag 60
 cccagcgatt cgccgggtct agccaacatg tgactacaac tgcataaag accttaaatg 120
 agacctactc agccaaactc ttcttaagtc ctgtccaaac aaaaccatga aggataagaa 180
 atgggttatta ttattttaag ctaccacctt ttgggtgtgat tattatatgc aataataggt 240
 agcagacact ggcttttggtt ggacatgtat gttctctgca tattctgctt ttgtgcatgt 300
 ggagaaatgg gctttctggg ctgctgacaa tgaggaggta gagatgttgt tcaggcagat 360
 gcgttttagac ttcgagtcca ctttctcctt ccaagaacta tgtggcctta caaatgctgg 420
 ggttggttta agaaaacaga actcttaatg tttgtaaaca ttctgtacg agagttcatc 480
 catcatttgn gtctctctag aaaggtcata cgcagaaaat gtagtggtgt agcaaaattt 540
 taaacttttc agactggcaa aaccctttct ttaatgtata gtattactac tcatgtccat 600
 tatgaacat gaccaggga gactctgctg anacaggctg catctnctcc accttatcct 660
 nctaagacan gcttctacct aaggggacat agaatttacc cctgtttgtn ggggtggtgtg 720
 gattcttncc aactgnctta atccactgg 749

<210> 4915
 <211> 542
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (542)
 <223> n = A,T,C or G

<400> 4915
 atccctcnnt tntcaantca tattctctac aagcannctn tanaatntct nancactttg 60

```

ttctntcncg cnaaggngga cgcgatntga ggacttttggg gnnnntgann acttggtcga 120
ttcacatgcc anggcctngn angaagcagg agaaaggana nnggngacng acttaaacgt 180
gtncataacc atccttacca ccngaagcta tccanagctt ctgagagngt tgcagaanta 240
caccaantac acnaancatg acatgaacaa agntctngac ctngagnaga aaggtnacat 300
tgctaagtgc cttnacagct ctggtgaacn gcgccacagg cgaaccagct ttctttgcag 360
agaagctcta tcangccatg aaagggtgntg gaactcncca tanggcattg atcacgatta 420
tggntncccc ttctnaaatn nacatnaatg atntcanagc attctatcag aagatgtatg 480
ggntctnctt ttgccaaacc atcctgnatg aaaccngang agattattga agaaaatcct 540
gn 542

```

```

<210> 4916
<211> 1285
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (1285)
<223> n = A,T,C or G

```

```

<400> 4916
gaaagnacna aagncagctt gacagggatt tnaangnntn ggaacncnnn ttctcnaagc 60
ngnntggtcn ngatnantta tanatatgtc ttncatatan angaacnaaa ntatntntgg 120
gnnggnttc tncngagng atttctgtna ctctngantt nntaatgcnt nanantgttn 180
ancgantnng gtnaattggn cctancagca ncatgtancc ntaaaaacgc atncnatatn 240
tcttancncl nagnggtncn ncgcnattat ctaatgnctt cttnaactga nntntaangg 300
nctntgtant ncgngaant ttaagtnnat tcacgcncta tattctaant catgttccaa 360
nnnnctatc ctgcanaatt acnctgcnnn tgatccntgg catcnnngaa gntcantncl 420
gnncaattat tcatnatatt gtggcattnn tctnatttna tactancgnc ntccnctan 480
atatatanaa gncngcaanc tctgtngaen nnettcnaat ntgacnnacc cgtntattat 540
atgcatnaac ccntatcctn atcnanctct agtgtggctc ttaggcaccn annatttatg 600
ggnacccctgt gntcaaattn ggntctccgt nanctnacng ctctcnattt aangntnang 660
nctaaactaa ccntctttgc tgggtacaat anggcgnacn ctccnctnnn nacatttttg 720
nnanaaagnc tacntgggnt cactatntna nanctacncc ttttatcggt acntngcgta 780
atnattgncc atatgtgata cgngnccaac aaaatgtcac tntatataen tntggntcnn 840
acntcnncgt tanncnncct atntaacntt canntttttac atanannont aaaacntntt 900
gngcaaaaca ccaatnggng atcttnnnga aaaattanca tnggtttttt ggctacttnn 960
ctatntcatt naattaccgn nntatctcna ncntanntaa ctacnntttt nanaaaggng 1020
tcaatgggtg tcatctctca gngacacctt cncctatata ncatnctnta tntagtataa 1080
tctcanaaaa cncctccctt naaancttnt ggggnacntna anaanacgtg actntcannt 1140
cgaanccttg nmntntntaa tnnngatant agggnggtac naaaaaaann ngtgtttata 1200
aacncancnn ttnaannntt tctctatatg ngcaattten acggtattnc tnncnngtcc 1260
ccatatatac tanatcacan tatnn 1285

```

```

<210> 4917
<211> 782
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (782)
<223> n = A,T,C or G

```

```

<400> 4917
gnncnctnnt tncngccttt ngaanccenn agttccaaat gctgggttnag atcagctctt 60

```

```

gttctttttg caggaccctc gtcanaattc cnacagggag anttcgggna ntntttannn 120
ngagacngag tctggctcnn tngccagccn gaggcgggan aancncctga acctgagang 180
tggacncngc gctgagccga natcnttaca ctgcactcca gcctgtcnac agantgagac 240
nntntctcaa agnatgtata atnctnaca nnnctccacn ngancaaann nnnangannc 300
cggannacgg agnctcctnc cctnaangan ccntggaaga atggagncac ccagnngctc 360
natttntggg nntnnncact tnngecgtna aatggatgan caagggtca ancagtnccc 420
tncataatct gccctnaacc cntncaaann aacatntnnn gccantctnn cttcanaaac 480
nggaaggagc ccnnatgac atnccagtcn nagcccccac cgaggaacna ggccnntgnc 540
ccnanntgag tgcnagnana agggcncctt gccanagccc ctgccgnnt tcntncaana 600
anggaagaa nangaagcaa ccntggaac tcgctctgcc aangagcnc nngacaang 660
ttnaaccggg nggccnnnt ctgagcttng ccgccntttt ctgngggncn nccccaagaa 720
gtgtttacac cccttaatcc ccnctttanc nctngatttn nggggggnccc naacccgat 780
nn

```

<210> 4918

<211> 812

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(812)

<223> n = A,T,C or G

<400> 4918

```

gnnnnnnnnt ttnnngctnt tgaaaacccc tttgtttcaa agaccnagtt cttgttcttt 60
ttgcagggat cccatcgatt cgaattcggc acgaggtcac aggtaaaaaa aangtgctn 120
ataagtnttg ttatcggttg actttataaa agcaaangaa attgangtaa cttttgattc 180
tggtntcaag attcatnttt ncatacaggt cataactgnc ttnntgnaac ctttccacag 240
ggcactgnnn gatgggatta aaggtggcaa ttactggata actgcacatg cctctacttn 300
gttctaaant ctangtcatg aggtgatttg atttacttta tagangctgg attttgaaga 360
tctaattgna aatgttatga tnatatcagt gngtncaaaa aaagcaccag caactgataa 420
aaatcgcntn tttgtgcgct acccaactgg ttaaagccaa tgtgatcttt tatggngaaa 480
ctcctaagan acangtggtt ttgctgnaaa cttgncanac ccttaattat agncggtgct 540
aatgagccta ctgcaatata aagccaccat tnttttttat caaacatctg aattcatttt 600
acaaaggcta ttgttagggc attattttga gcactctatt tgaggtgatg ttnanaaaac 660
tttaacntca aatcaaattg aaaattaatn taaatatatt gncttaagga ccttctaaag 720
aatgtgccac cagactttta tggatagttg cnannatcct tgnctaanaa caaaaaagtt 780
gcttaaacad ttctttttaca aganggnntt tt
812

```

<210> 4919

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(782)

<223> n = A,T,C or G

<400> 4919

```

ttctaattgc aggttctagt nctgttgaan nccngctat tngattcggc acgaggncct 60
ggctactggg gaggtgatg cccganaanc atgttgccc aggagtnaag gctgcagtga 120
gctttgnttg cacngntgc annncatnct ggccngccca nngngncccn gccacaccan 180
aaattatgtn ctnagtntan nngcntcnga aggcctantc tcgnaccaga gttntcttta 240
ctggattatt tttagattgt tattaacatt nctggtctnt anctttactc agtctggatn 300

```

```

agaaaaagaa taccatgcaa ttgttaacta ttngatgttt actagattaa ctattaatat 360
attggtgtgg tccatattta agagttactt tgttnctaga gatttcatta tagtggngnt 420
taatatantt ttgggtatct ttaactaaaa atcattgcta tccctcaact gtagattcta 480
ctatgaaatg aggaaaaatc agcaatagaa ttaattgggt tcaaagtata taaataatga 540
tgtgggaaag ggaagtcnga gggatatctt ggaagaactg atttatctga aggtaatact 600
gngtgaaaga acctaaagatt gtngacanag catgcttnat gcaattntgc tgggccatag 660
tagtantaga ggctctataa aatgtgttgg ggtgtttttg ncttttaang agacnagtgt 720
ctcgctntat tggcccagga gtttcaaacc tgnagtgcc cngtggnttn ncacctgtga- 780
nt

```

<210> 4920

<211> 781

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(781)

<223> n = A,T,C or G

<400> 4920

```

agggnncenn tgttctctcc tnaactcnnn nntgncagcc ttnttcgcct accagaaggg 60
gtngggccgc gctgacggcc cagntggcgn tttntctcca ttgtgtatat gtacatagnn 120
tnnatcacta gattgnacnc tctcanggg cacgaaccgc aacatntatg cngtgcctgc 180
ancnctaata gtgaanngcc tggcacactg gttagcgtgca tcatgaccn tngaattgngn 240
gagtaacnac ctgccnnanc acgatggnat gcngttcacn tcccctgtgn acnncncngc 300
gnngcaantc ctgccatang agggcgngat tccaacncgn gggnnnactg gcncanctgg 360
gttgnaccat atcatccac atccnnacca ctngctaacc canntcact gnagattacc 420
tgtcagagac ctgcgttcgc tatctaata tcnngctgag gntcctagga anatctggaa 480
ntggggaaga ttatggagaa aatgaaaang gaaattcggg gagggnggtt ngcagtataa 540
agccctgtgg gggaaaacat attttagctc ttacttggta aaaagggtna ncagaacctc 600
tgggtttctt accaangtcc nctggntngg nccatttctt ccaattggat gaacnacccc 660
tttgggtttt tannctcctt tnctcaattt tggggaattc cccnntcnaa tnggctttac 720
natngaantc tgggnanctt naanangtcc taaatanaan ttncctgggg naatntggta 780
c

```

<210> 4921

<211> 730

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(730)

<223> n = A,T,C or G

<400> 4921

```

cacgagggct gccagaaact cattgaagng gacgatgaac gcaaacttcg tactttctat 60
gagaagcgta tggccacaga agtnngctgt gacgctctgg gtgaagaatg gaaggggtat 120
gtggtccgaa tcagtgggtg gaacgacaaa caaggtttcc ccatgaagca ggggtgntng 180
acccatggcc gtgtccgcct gntactgagt aangggcatt cctgttacag accaaggana 240
actggagaaa gaaagagaaa atcagntcgt ggttgcatgt tggatgcaaa tctgancgtt 300
ntcaacttgg ntattgtaaa aaaaggagag aaggatattc ctggactgac tgatactaca 360
gtgcctnnnc gcctgggccc caaaagagct agcagaatcc gcaaactttt caatntctct 420
aangaagatg atgtccgnc aagtatgtgt aagaaagccc ttnataaaga angtaagaaa 480
cctatgacca taagccncaa nattcagccg tnttgntact tncacgtgtc ctgcatcaca 540

```

```

aaccngcggc gtatttgcgc tagaaagaag cancgttccc tngaaaaaan tnnnggaaga      600
aggcntggan gaatattgct anaacttntt nggctaagag naatngaaan gatgcctaaa      660
nggaanaagc nccaaggaan caaaattggt naaagnagac nncnnacntt ttcctnttgt      720
ngcnaagcnn                                     730

```

```

<210> 4922
<211> 675
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (675)
<223> n = A,T,C or G

```

```

<400> 4922
gngnngnnnn nnnnnnnngnn agnnnnnnnn ngnnagnttn nnagnnnnt tntnataca      60
gctcttggtc tttttgcagg acccatcgat tcgaattcgg cacgaggcnc tcctgacnac      120
ngccaagcac tntnncggnt tccnggtntt cnnttgcagn tatngnaaan tnnnncattc      180
gtnnnnactg gnnatangnn tntatgaata cnanatgtng gacttcatna tgntcacacc      240
natagcatcn tatganagaa ttagnnngcn cagantttac nacanagtan atgtccnnng      300
tcatgnacgc agatatacac aattctnaaa agtttacctn attcagntgc acgacttgga      360
tnaatggact ggc nataagg attacatagt nangactgtc acaattntna nagccgntca      420
nacctnccag ttcattggaga ctgatntgcn canagaagca ctgngcttgc ancggggtcn      480
atgtgcgtct gatatntgac cagnaacgnn caatagcttg gtattaaaac cncngcaatg      540
tnngnntgat tatgacacta cnaatgttgt nnacacttgt acgctacaca tnnnctacct      600
tacnaatatn tacttgtatt gntagagggc tntccanaga aatnntnnta tataccgaat      660
gcaacacctg ctacg                                     675

```

```

<210> 4923
<211> 675
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (675)
<223> n = A,T,C or G

```

```

<400> 4923
gngnngnnnn nnnnnnnngnn agnnnnnnnn ngnnagnttn nnagnnnnt tntnataca      60
gctcttggtc tttttgcagg acccatcgat tcgaattcgg cacgaggcnc tcctgacnac      120
ngccaagcac tntnncggnt tccnggtntt cnnttgcagn tatngnaaan tnnnncattc      180
gtnnnnactg gnnatangnn tntatgaata cnanatgtng gacttcatna tgntcacacc      240
natagcatcn tatganagaa ttagnnngcn cagantttac nacanagtan atgtccnnng      300
tcatgnacgc agatatacac aattctnaaa agtttacctn attcagntgc acgacttgga      360
tnaatggact ggc nataagg attacatagt nangactgtc acaattntna nagccgntca      420
nacctnccag ttcattggaga ctgatntgcn canagaagca ctgngcttgc ancggggtcn      480
atgtgcgtct gatatntgac cagnaacgnn caatagcttg gtattaaaac cncngcaatg      540
tnngnntgat tatgacacta cnaatgttgt nnacacttgt acgctacaca tnnnctacct      600
tacnaatatn tacttgtatt gntagagggc tntccanaga aatnntnnta tataccgaat      660
gcaacacctg ctacg                                     675

```

```

<210> 4924
<211> 750
<212> DNA

```

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (750)

<223> n = A,T,C or G

<400> 4924

cgggnnnnnt	ncntttcntc	ctaangaaac	netntngant	ggcntggcta	cttggtcttt	60
ttgcaggcac	ccatcgattc	gattcaaggc	ctctcgagcc	tctttaacta	tagtgagtcg	120
tattacgtag	atccagacat	gataagatac	attgatgagt	ttggacaaac	cacaactaga	180
atgcagtga	aaaaatgctt	tatttgtgaa	atttgtgatg	ctattgcttt	atttgaacc	240
attataagct	gcaataaaca	agttaacaac	aacaattgca	ttcattttat	gtttcagggt	300
cagggggagg	tgtgggagg	tttttaattc	gcggccgcgg	cgccaatgca	ttgggcccgg	360
taccagctt	ttgttccctt	tagtgagggt	taattgcgcg	cttggcgtaa	tcatggtcac	420
agctgtttcc	tgtgtgaaat	tggtatccgc	tcacaattcc	acacaacata	cgagccggga	480
gcataaagt	taaagcctgg	ggtgccta	gagtgagcta	actcacatta	attgcgttgc	540
gctcactgcc	cgctttccag	tcgggaaacc	tgtcgtgcca	gctgcattaa	tgaatcggcc	600
aacgcgcggg	gagaggcgg	tttgcgatt	gggcgctctt	ccgcttcttc	gctcactgac	660
tcgctgcgct	cggtcgcttc	gctgcgcgag	cggtatcagc	tcactcaaan	gcggtaatac	720
ggntatncac	agatcanggg	gataacgcag				750

<210> 4925

<211> 1302

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1302)

<223> n = A,T,C or G

<400> 4925

gnccggcgcc	agtgcngtac	ccanagcaga	acgacccgta	aaaccccttg	ggaangnccg	60
ggacgggncn	cnngngccgn	nccncacncg	cncncmnnac	acccentttt	nccccattt	120
tancaccann	atngncnnan	cangggggng	nannacngng	naaaaccng	gngagncccc	180
nnccgcnggg	ganncanang	ngcngnnaag	naaccnggng	cnmcaancan	ccngngcgng	240
cccacanaca	cnggccanaa	gananaacga	agcgnaacgc	gncgaagncc	ggngnacagn	300
aanaaaacnn	cngcacngcg	naaaangccg	cncaacanna	gcnaaggng	aacngnacac	360
ngccngancn	cncgncggan	ncacngannn	ncgcannanc	gcacangagc	gganaccacc	420
cagcnngcca	naangcgga	canacgncnc	ggggnnnnnc	anccgngncc	canangnnna	480
gacncnggna	cacccnncca	cccncangcc	nagannnncan	aannccnagn	naccncagac	540
annacnnnnn	gannnccnnn	cnanccgagg	nacannncng	nanngnngac	ccnnnnctnn	600
nnngccnana	nannccnnac	ancnccccca	nccncccgag	ngaaacncnn	naangaccan	660
cncaanacga	cncncgaca	nnacacnngn	gcccancnaa	nncaacacna	agnnnaccan	720
acngcncnnc	gnacnaaaac	ncacgcncgc	ggagcccga	ccaacgcacg	acacgcgacg	780
accgancanc	aagaangnga	ccncacacgn	agcgncnnnn	cgcgcgcnanc	gccggacnca	840
nngacanncc	gaanagannc	gcggngangng	cacgaancaa	cggccannng	nnganngagg	900
agcnacaacc	ncnacggang	cgangccgna	nagangacgg	accaagacnn	gaanaccgnc	960
gaggccnaac	aaacggncga	cgcccgcgga	ancncacnan	cncngnnggn	canncnngac	1020
ccngananca	cacancgcnc	accacangnn	ngnggaacac	gacaangcca	cgnacanaac	1080
gacgaagcan	gaacanagnn	gncgcaannng	nnancnagnn	nggaanacac	acncgaaccg	1140
aacacanacg	aagnaanaac	aagagcanna	gnagaagcnn	acacagacac	naaacngnaa	1200
ccggcccnna	gnanccanc	gncnngcan	cagngcacia	naannccgan	ncccacgcca	1260
aaacngcnac	agnncgcaac	gnangncncn	acgccanacg	cc		1302

<210> 4926
 <211> 818
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(818)
 <223> n = A,T,C or G

<400> 4926

tgnnngnnta	gatcagctct	tntctttntg	caggatccct	cgattcgaat	tcggcacgag	60
gctatttgtg	ttttgttgca	ctgttntttt	tgtttggttg	tttgtttatt	tggttggett	120
tttggagagg	gaaatggggg	tgaaatattn	ctttattgnt	gaatcatttt	gtgaatgtcc	180
ccctcaaaaa	aagctaattg	aataatttggc	ataaagggca	ttngntgggt	ctatttttgt	240
ttgaggggna	ttntcagaaa	atcccttttc	tctcttacgc	ctaactgact	ngggaacat	300
tgangatntn	cntagcnttg	gaatacttga	cattatntac	tctnacnaat	aacacattaa	360
gcnagaatna	ccaatnttcc	nanaatnngc	ncttgatcac	aaaatgtgan	nnacctntna	420
atgtntanaa	ctttatcaaa	ttnagtnnta	ttttccctt	cnaaatgtcn	ccctttcccn	480
ggcatttntc	tccnttaaaa	tattggtnan	ttccctgaca	taccnatttc	catngttcaa	540
cagctttgtg	nccnnagnta	taanaanttt	ttgnanccct	ggananattt	tcaatnnccg	600
cnatnangta	nccnttcnan	cantgttngn	gnaaaacccc	cntngcaagc	ccntaaaaan	660
gttaagcctt	anttgncctt	aattncnctt	tnnnngcntn	actaannccn	catnttcnna	720
nttccttnaa	aaatcntntt	nggagcccn	cccttntntt	tacctttgna	ntnnnnccca	780
aacttcannng	mntatccaat	nctgnttttn	ccnaaacn			818

<210> 4927
 <211> 742
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(742)
 <223> n = A,T,C or G

<400> 4927

atcagntctt	gttctttttg	caggatccca	tcgattcgaa	ttcggcacga	gggtgactgt	60
ggagggcgag	ctgagccctg	gccgccgtca	caatgggccg	ngagtttggg	aatctgacgc	120
ggatgcgga	tgtgatcagc	tacagcttgt	caccgtcgag	cagcgcgcct	atnccacgtn	180
ttcactaaag	gaatccccaa	tgttctgcgc	cgcattcggg	agtctttctt	tcgcgtggtg	240
ccgcagtttg	tagtgtttta	tcttatctac	acatggggga	ctgaagagtt	cnagagatcc	300
aagaggaaga	atncagctgc	ctatgaaaat	gacaaatgag	caacgcatcc	gnatgacggt	360
tccctgtctc	tgaaagacct	ttctctggaa	gaggagtctg	cattgtntgt	ctcaaagaca	420
caataaaact	cctatggtct	gcanaacaca	nnatntntta	aaaattttaa	aattanctgg	480
gcatggtggc	aggtgcctgt	attccactac	tcanganct	nangccgaaa	tcnntagaac	540
ccnggacgtt	gaagtttcag	tnagctgant	cnttccactg	gacttnaanc	tgancnnnng	600
antgtnactc	catcccaa	tnnaaanang	tgggantatt	acttntcntg	aaacntgcgc	660
ctntangcca	attcttaann	nnttangtgg	naagaacatt	tancccgna	tttnaggttn	720
nntnacnatg	ctgngggggn	nn				742

<210> 4928
 <211> 760
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (760)
 <223> n = A,T,C or G

<400> 4928

aaccgggtgg	gccccttttt	tgaaaggntt	tttttanccc	ttngttnnncn	cnnnctaaat	60
annnggntn	catcgntcg	ctanngccng	ntntgggang	cnatgntata	cttgggtacc	120
ttcctatgnt	ccttctcaca	gcaaaactnn	gggactgatc	atttgaagtc	acccctctgt	180
gtcttcttgt	gaaatggctt	gggcgtctct	gggctctgac	ttgctcatct	gggaagagat	240
ggggtanagg	gagttggatt	ataaatcatg	cttcactcag	tcaacagaat	gctactcagg	300
cactaaaaat	gatggcgtag	ccctacgtat	tctgacatgg	gaagatggcc	acaatatctt	360
attatgtgga	aaaaactagt	tgcataggat	ttatggnttg	attacatttt	agtaaaataa	420
attcatttat	ggtggtatat	gcaaagaaaa	aataatgccg	ggcgcantgg	ctcacgcctg	480
taatcccagc	actttgggag	gctgangcag	gtggatcact	tgaggccagg	aggttgagac	540
cagcctggcc	aacatggtaa	aacccccattt	ccattaanaa	tacaaaaaat	tagcaccaag	600
cgttggtggg	cacngtgcct	gtagtcccag	cttactcagg	aggctgagat	gggagacttg	660
cttgaacctg	gaaaggtgga	ngttgcggtg	gagcccaaga	tcacgccact	gcacttcggc	720
ctngggctac	agnccagact	ctgtcntcaa	aaaaaaaaann			760

<210> 4929
 <211> 887
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (887)
 <223> n = A,T,C or G

<400> 4929

gngnaggnan	nattttnnaga	nagcnnnnngn	aangtttggg	gtnaagagnc	attnaaacnc	60
ttggcnnncag	gnatcccaan	gtngcnaatt	nggcacgagg	ttgtnttgga	aacagtcgtg	120
nggangaatt	gcgagagaac	ctaaacggga	tctnctgttg	nttgctctgg	atganatnga	180
nttggtctaan	ggtagaggaa	catttccctg	ggatatttnn	gcccttgata	ttcatcaaga	240
tntanactgg	aatnctaacy	cncctaccct	gaatgtcttg	cctntgnata	tctgtgatga	300
tngtgcggac	atatttcanc	gggatanaac	agncgaaatta	atggaattga	cagatgagca	360
aagaaatgaa	ctgatgaaaa	aagaaagcag	tcgactccag	aagactggac	atcgtgtanc	420
atactcacct	cgtaaagaga	aagcactaaa	aatatatctg	gatggagcac	caantaanga	480
tcctgctcaa	gactgactct	gatagttgta	gcanttttcc	cttgggggga	agttnnnngt	540
ttttnaanaa	ggatgggttc	cactaccac	ttggggaang	ttgcccattt	tcnnnccggg	600
accaatgnng	nngnggggtn	aaccncagg	ngaacnaacc	antcgccttg	gaatgggnna	660
cctngnnncc	ttanccaancc	tcttcnagaa	agggcnttcn	agtgggcccc	caaanagggg	720
ncccanntgg	gtcccatnga	acttggggaa	atccannggn	tttganncca	cccaatnagn	780
gncaanaaat	ggtcccnggg	aaaaatntgg	tcaataaggg	ggattgaggc	cntanatcaa	840
ntttncctng	gcnncccaac	cntaaaaaaa	ggcttnnccg	ngatccc		887

<210> 4930
 <211> 804
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (804)
 <223> n = A,T,C or G

<400> 4930

tcnccccnt	ttgaannccc	tttntttaat	nnncatanag	ctacttggtc	tttttgagg	60
gateccatcg	attogaattc	ggcacgaggc	tccctatgat	gcctgctgga	atgcctgtcg	120
aggagacagg	tgggaagact	tgtccagatc	acaggtgcgc	tgctatgtcc	acatcatgaa	180
agaggggctc	tgctctcgag	tgagcacact	gggactctac	atggaagcaa	acagacaggt	240
gccc aaattg	ctgtctgctc	tctgtccaga	agaaccacca	gtccattcgt	cagcccagat	300
tgcagcaaac	acctgggttg	agttgacagc	ctcattgggc	cagagacaca	gattggagag	360
aagtcatcca	ttaagcgctc	agtcattggc	tcctcctgtc	tcataaaaga	tagagtgact	420
attaccaatt	gccttctcat	gaactcagtc	actgtggagg	aaggaagcaa	tatccaaggc	480
agtgtcatct	gcaacaatgc	tgtgatcgag	aaggggtgcag	acatcaagga	ctgcttgatt	540
ggaaagtggc	cagaggattg	aagccaaagc	taaacgagtg	aatgaggtga	tcgtggggaa	600
tgaccanctc	atggagatct	gagttctgag	caagtcagac	tccttncttt	tggcctncaa	660
agccacaagt	gttggggccgg	cccacctgtt	taactctgta	tttatttncc	aataaagaag	720
gctttcaaan	gcattgcttg	anactgtgg	agcagtccaa	acttcatgtc	aggtgggctt	780
ccagtgtaca	caaaaaaaaa	aaaa				804

<210> 4931

<211> 887

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(887)

<223> n = A,T,C or G

<400> 4931

gngnaggnan	natttnnaga	nagcnnnngn	aangtttggg	gtnaagagnc	attnaaacnc	60
ttggcnncag	gnateccaan	gtngcnaatt	nggcacgagg	ttgtnttggg	aacagtcgtg	120
nggangaatt	gcgagagaa	ctaaacggga	tctnctgtgg	nttgctctgg	atganatnga	180
nttggtctaan	ggtagaggaa	catttccctg	ggatatttnn	gcccttgata	ttcatcaaga	240
tntanactgg	aatnctaacg	cncctaccct	gaatgtctgg	cctntgnata	tctgtgatga	300
tngtgcggac	atatttcanc	gggatanaac	agncgaatta	atggaattga	cagatgagca	360
aagaaatgaa	ctgatgaaaa	aagaaagcag	tcgactccag	aagactggac	atcgtgtanc	420
atactcacct	cgtaaagaga	aagcactaaa	aatatatctg	gatggagcac	caantaanga	480
tcctgctcaa	gactgactct	gatagttgta	gcanttttcc	cttgggggga	agttnnnnngt	540
ttttnaanaa	ggatgggttc	cactaccac	ttgggggaang	ttgcccattt	tcnnnccggg	600
accaatgngn	nngnggggtg	aaccncag	ngaacnaacc	antgccttg	gaatgggna	660
cctngnnncc	ttancaancc	tcttcnagaa	agggcnnctn	agtgggcccc	caaanagggg	720
ncccanntgg	gtcccatnga	acttggggaa	atccannngn	tttganncca	cccaatnagn	780
gncaanaaat	ggteccnngg	aaaaatntgg	tcaataaggg	ggattgaggc	cntanatcaa	840
ntttncctng	gcnncccaac	cntaaaaaaaa	ggcttnnccg	ngatccc		887

<210> 4932

<211> 807

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(807)

<223> n = A,T,C or G

<400> 4932

nnnnnnnann	nnnnnngnnn	nnnnnnnnnn	nnnnnnnnnn	nnnccnnnna	nnnnnnnanna	60
gttgaacgca	ngaaagccgt	ggnaaggcgg	gaaccaaccg	aancgnggaa	nggcnataac	120

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aannagnnga tgtgnccagn nctctgnatc tnnngacttng atgctanata catcatgnca 180
tnngnngctn ctaagggaat aagccataga ggctncncca ggtagaaaag aacagtaaag 240
nacctggaaa accaacattn nngaattgnat ggacactgga catgagatat gnacaatgaa 300
ancttaaaaag aatctaagaa tnngeccctct ttgccccact ccaccacagna atnagacatt 360
actagnacca tgtataggac ccaactgagt attagaatca gnnnngacta tgnncnnngna 420
tngcctaaat ctgttaatgc ataaaccgaa tnaggggtcca gnnnggcctgt naatggtaaa 480
nntacatnan aaatgactca gcnnngagnat ncngggcgag tnnngcaatgn gataatcaga 540
tngggnaaaa ctgatnaatn ngcaaactng agngggngna cncacagacn aaagnangaa 600
ccacagnnaa ctaggggggac caggnggnaa gngggaaaaca cncacaagng annnnnggnnn 660
ngggnaaggg ngggnnngaan gganggaaaa ngngnnnnnag gaggggaagca aaacnnaaan 720
gggncnggaa ccaaagccng nncgnaaagn aaaannnnng gcnggaagaa gggggnggna 780
accgcaaacc anngccnagg ggggnnc 807

```

<210> 4933

<211> 925

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (925)

<223> n = A,T,C or G

<400> 4933

```

cgngcttttaa ctnttnaaac cttttgcaact tncnctttnt gcaggatccc atccgantcg 60
aattengcac gagagagggt ggggtctggc cacatagggt tttntgnggc tctggnetgg 120
ggntagacac tgacagggac tagnattnat tggacttgcn aagacagtcc ctcanattna 180
gcaactnctt gcntnntatg gtngcatta tgaagccanc ntagnngnng taaantanag 240
ccctncatct ntctngna gcccntcac tgggctngat gtcatcatcc aaaatctgca 300
nantctgnca caangancca tgantactta annaaaggga anntctngaa cnggntagca 360
agatcnaanc atancttgct gngetnccan ggnaacnncn cctnanncnc tgnncannng 420
cnatatanac ggtcangggg ctttgatcca ngaactctnn tgtactatga tnananncca 480
caantntggn aaacctncat gtancctnna nagttgnnnn tnggcanaat cgtnctcacc 540
aanantntc ccnccganna actetaact ntnattnann nctaccngtn antnttnnaa 600
tgtnnacaac nncntnnann cntccnnat tctaaggaaa angnntctac ccctantana 660
tagnttcagc atccactana cncntntgct ngcctccgat cccactngcn cgcnetntgt 720
ntnnngactg cccccctngn ncttctctctn gananattct tnggatacta cccaaatatt 780
ntgggnnanc tactgcacat ctntctcann mnnnecgatn tcatnatnta tantcancnn 840
nncnaatn cnngctnctn cttacnaana ntncncantc gcggcggggc gnnncncatan 900
tannncngnn ncannnaaag nngcg 925

```

<210> 4934

<211> 1025

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1025)

<223> n = A,T,C or G

<400> 4934

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gtnttcattn actttcntaa tnnnttgga ntctctgaan gacncnatng antngnnttc 60
ggcacgagta ctgctccttc attcccaagt aagaaangnc aggnctctgct acttccaaaa 120
ctcagnacag acttgaagg gaantgactc ctaattcctt gtcaaccagc tacaagacag 180
tgacatctgn cattaagctc tccaaacata aagctgaatc tnactagccc taaaagggtt 240

```

cagaatagat	aagaaaggtg	ganagaagtt	gtncnaaggn	catagaaatn	gtctgntcca	300
gcctcantgg	tgtcnaggat	aatggcgang	aggaggatgc	ancattcact	tgcaatacca	360
ngatgtttac	tggancccat	anttnatgtn	ggattnanac	naataangat	aangaaatgg	420
gcnaangaag	aattggatnc	ancaattana	gggggtcggn	ncaatgnaan	tcatacnang	480
cantattgct	aattttcaaa	cnttaattnc	aaatgcaaca	ttcatntnct	aggatncctg	540
gntttnnngt	aaacttnggt	aanaaaacttt	nggattttcc	tnaanannan	ttcaatnntt	600
catnatanca	tcccnttngn	acnaggntac	tcctaanaat	ncnaatttnn	attgcnctaa	660
accnttntnc	tcaantctng	gggannttaa	tgggnntcnc	cntatantag	tnatntgaat	720
ttttctaaga	tcacanaaaa	aaatgggcca	tttgtctcac	atntatatgg	nggatggcct	780
ctccntaaaa	cntccttnnt	ggggtanaat	accttttnnc	ncacaangng	cttacatcnc	840
taantcntct	nttggtatat	actnatacac	agtatttnct	ctaanancn	ncngngnttc	900
taacattntc	naaannnctc	tttaaaaatt	ctntgnanaa	aattcgtnng	ctcncnntat	960
catcncnant	tnataatnct	ngtantnatt	ctnttcannn	acaaaatacg	cctcncgntn	1020
gntcc						1025

<210> 4935

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 4935

antgangnnn	ntttcnnaga	gncagctctt	gttctttttg	cagggatccc	atcgattcgc	60
tgaaatgact	tccttaggga	tagagctaag	ggataataac	ttgcactaaa	tacattttaa	120
tacttgattc	catgagtcag	tttattgtag	tttttgattt	ctgtaaaata	agagaaactt	180
ttgtatttat	tattgaataa	gtgaatgaag	ctatttttta	ataaagttag	aagaaagcca	240
agctgctgct	gttacctgca	gaactaacia	accctgttac	tttgtacaga	tatgtaaata	300
ttttgagaaa	aaatacagta	taaaaatagt	tattgaccaa	atgctaccag	gctctgcagc	360
agctcggggg	cttataaaat	gttcataggg	atgttacaat	ataattttgt	gttataaaat	420
atgccattat	aattatgtaa	taaccaaaat	ttcaacctag	agtgttgggg	gttttttgga	480
aaccgcagtc	tattagtact	caatgggttt	atacacctta	cttctgacag	agcggggcgt	540
atgctacgac	tacaactttt	atagctgttt	tggtaattta	aactaatttt	ttcatattat	600
attggtgcat	cctactttct	tcagtcaggt	ttttttgtgc	ttacaatttg	tgataactgt	660
gaataactgc	ttaaaaatcc	acccaaatgg	gangctgaat	tttttcttca	gccaaaagta	720
agttttgatt	aggaaacttg	gttcaaccen				750

<210> 4936

<211> 1500

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1500)

<223> n = A,T,C or G

<400> 4936

cgcccttgct	caaaacggcc	ttgngnceca	aatcagtctt	ggaaaancct	caaantnctct	60
ctanacagaa	tnnggctng	gggnanncn	cnttnncatg	gnncggnttt	atctcnactc	120
nttttttatg	aggetctttt	ttttnatctc	tanganncct	tctaacnggn	antannnact	180
cncggggngn	anctcnnttc	gngggggntn	nactaantca	annntgnnnn	tctatanatn	240
tttanntnct	nnacatncca	ctcntntant	cctctgnnna	tnccnaacat	nnatacnent	300

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caccnnttta cncatnncn cannacanat ctatctnate actcngnnnn cnnnaantcg      360
gccacataat catnctnctc acnnntacta ntncntcatt ctcnacnntc tctnttctnt      420
acnatantnt ntanctectn tttctctnt tctctnncnc ncanttctct ancncgtgct      480
aatanactta ctannctctc tcnntncaca agtcngtacn tccgtctccc tntnnatnac      540
anactatntn ctentatnnn acannncttn catatnntnn natnttnnac cnnncantc      600
nnttacntnt ccctnncant agntctantc tntactntta ctctnntnat ctnnctnttc      660
anctantnnt cacanttcan ntccatntnt ngncntctn attcanntcn tcttatntcn      720
gnacantctn acncannntc tccnnctnn tntcatanct ctntnnacnt ntaacctact      780
antcttnnac tctcgtntta cctactcncn ctntantgnt actntacctc ctantaatct      840
atnctctctn gntntnnnac ctacnactn ctctatacnn ncgatnanag ntntnacaat      900
ntctcgttag ttanangtnn cgcgcctac cnnnataccn ntntncttn anactactct      960
ctctctctaa ncncctctgct cntatactat actcnatcna tatgttnatn catntctctc     1020
ncnnntannn gtngtntnt accctctntn tatctntnnc ncngntcaac nnncttntna     1080
catnncttn acncatatnn atnccgntaa tctacatnnc gctctnctct ntncctcaca     1140
tacgtccnc nnantcatct tctnatattn aatgacacnt atntcatnnt acgtntnttg     1200
ntantttaat cnccttccat aatctactct cttatnctan nngctctcnn cnatanctat     1260
nctcnatatn ntaactctcn nnnncactac ngatccaat gtntntctn ncnnntantg     1320
atatctanaa tnnanntctt ttncnataaa ctnnangcct ctctaattcg acagtctnct     1380
ctanatanta nganaccaan atccatacct ntntctttn anatactntc nattgactaa     1440
ctncttnta taantaagta tcnatnccan atatcttgcn tctctnttcc nccccccgc     1500

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<210> 4937

<211> 812

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(812)

<223> n = A,T,C or G

<400> 4937

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ttgtanctaa tgctggttg tgggtctttc tccangaccn agcgnttcga attcggcacg      60
aggggaaggt ctggctccag cttgagccca ctcacaggat gtcaggggga agtgtgacta     120
aggtcacggc cagccacgt ggtgggccag ctggatccag agcaggggcc gttgtggcca     180
cacatcctga gtttccatgg tctaattgcan tgggcttgaa aaaaaagggg ggatgcagga     240
tgctggctgg gactgtggag tgcgtgggca gtaagtctta agtgacagtg ggtggagatt     300
acagcatttc atctgctttt cctttgacac cttttaaaga tacaaccac agttttcaag     360
ggtttatgcc aatgtctgct agagggatct tgcagtagat cttaaaccct atagtattct     420
taagagcaca aggaaattct tatttggtt ccatttaca caaagggtgga aatttaaaac     480
taggcttgan atttgaaatg ctggtcacat ttaancantt tatttngggg gggtaatatt     540
ttggaaatcn gtctttaant nanttttaaa nanngttttn ccncattttt naaaaagggg     600
ntaccttnc antttngntc ctttcaannt tttnnntttt ggnaaaaaaa tnttnnnngn     660
ttnaaatgga atgtttttta ccagggnntt ggggnttttt naaaantttt nnaanggggn     720
ntatntntgg gnncttntn naattccagn ttnntnccan nnttngaant ttnnccccct     780
tnntngggna aaaanggna ttgntttttt tn                                     812

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<210> 4938

<211> 783

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(783)

<223> n = A,T,C or G

<400> 4938

ttgaaaccct	ttgaaacctt	tttgcaanct	acttgttctt	tttgcaggat	cccatcgatt	60
cgcaaatacc	taatgcatgt	ggggcttaaa	acctagatga	cgggtagata	agtgcagcaa	120
accaccatgg	cacatgtata	ccagaaactt	cacattctgt	tcatgtatcc	cagaatttaa	180
agtaaaattt	aaaaaaagaa	acgtactgga	aatctgaat	agaccctctg	ctggaagcat	240
tatgaaaagt	aaataaatgg	atatactgca	tcacctcag	aaaaataaaa	aaagaaagaa	300
aatgcctgcc	cccttctgcc	cacaaaacag	attaagcagg	ggctcattgt	tgggtgtcaga	360
agagttgagt	gtaatacact	gatggtatgc	acttgatttt	agaaatatct	tactgggtgac	420
atttctgaaa	atttgccaac	tcataatttt	aagaatttca	aatgtaaagt	ttttatttaa	480
ttgcatttga	attctactaa	ttgcatgtaa	ttttttatta	ctaattcaga	actaagaata	540
taggccttaa	attcctccta	aattaatgtg	aggcattttt	cctaattcat	tgtcacgaat	600
tattatgaan	gtcatctgct	gtattacagc	agtccatact	cgattgttcc	ttctgtgtct	660
tcagataggt	tctttttctt	ttcctgtgag	tatgtaaaac	agcaaaccac	gtagatgggc	720
ttatttttgt	acatccatac	ngaggaattt	tatgggctta	ttaaaaggat	gcttacagga	780
gat						783

<210> 4939

<211> 1150

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1150)

<223> n = A,T,C or G

<400> 4939

tnccgttnnn	attnnntgtg	aaccntttct	tcncacctnc	ctggntgnga	atnctgcacg	60
agaggcattg	nctgccttcg	gctttatttc	tgtgactan	ntatctccta	ttnagagcta	120
cggcaatgcc	caaaaagaaag	gctgcaggtc	aaggatgat	gaggcatnga	gccaaaagaga	180
agatctgcca	ggttgtctgc	tatgcttggt	ccagttncac	cagaagtga	gcctnaaaag	240
aacatcaagt	tcnaggaaaa	tgaagacnaa	nagtgatntg	atggaagaaa	acatagattc	300
nagtgcacca	gccagttgct	gaaacccaag	cnagaagcaa	gttgttgaag	aagactacna	360
tgaaaaatgc	taaaaaatng	gagaaagccc	naaatctcna	gangcnccca	gctttcttga	420
aaaaaagaaa	ttgttgggaa	nntttaaaag	gaatgaanaa	ttatttgaac	gattgcccc	480
nannaanaag	ggggtnnggga	tgaattagga	annggaaanc	ccgttnncca	tgcngcgaaa	540
ntttnaaana	natnggtatc	naacgaattg	cattctcnaa	nnggaaagtt	ttgcantnan	600
annattcnnt	anaccgnaaa	tnatcaaang	gggnnnngaaa	gccctttggt	aannaatgta	660
tgngtccctt	ntnggnttgn	aaaaaaaaan	ggngggggga	aatagtaaag	tnnttngngt	720
aaaatangnt	aggggatttn	tcaacnaatt	tngnggan	anattggnag	ggnaaanaan	780
ggngcncnna	taactaaatt	gcccnanta	tggtnaant	tanntnntgt	nntngnatan	840
ngnggggnac	nntatattta	aaangggg	tgcgnanatt	gaaccngggg	gtanaaaata	900
tggggnaaaa	aatttgggg	aatataaann	tannttngt	atanaanac	nnttnntnan	960
anaggggggt	cttatanggg	attnngatat	caatnntatt	natgggtgcaa	tgtntaanan	1020
cacnctcgnn	aaaaatcggg	ttaaanaccn	nagggtcattg	anatntngtg	gnannatnca	1080
gntgggttaa	tttngtanat	atattttggg	ngtaaanng	tcttgcttaa	atnggggnnta	1140
ggtcatttcc						1150

<210> 4940

<211> 991

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(991)

<223> n = A,T,C or G

<400> 4940

ggnnnngccgn	nancnggacc	ntcancgatn	tnnacnnttt	gnnaaccccc	cccccgagcg	60
cggcgcgnga	gcnngtgata	ttnggannag	atgggaaacan	ctcnagttn	ngccttttnt	120
gtcaccnnag	tgcgaggggg	ngnatnggt	nnaananacn	tcnctnccan	gnccctnctt	180
anancaccca	tctaaancac	aaaattcntg	aagngggccgn	tcagttnnngg	canacccggc	240
ctccnagnta	tgtataccct	gtctgttctt	atnggggatnt	ntnctccatg	tgagatatan	300
gatgcgtgcn	atncgtaaaa	ggnggtgcna	gtgetncttg	tnaggncctg	acacattang	360
cgcttantcc	nttaattagn	ganccttgc	tcangggaaa	ngggcttttc	tatngaattg	420
ggaataanat	aatgggntan	nncttttttt	naancctccg	agctcnanta	angntgctta	480
atggngcanc	tacaatnctc	cganacttcc	aatgtgggtt	gtcnatannc	nacccttnna	540
ttgncggggt	ggtccaaaag	aantgcaaat	tcctacctct	tgggcccac	caaangaccc	600
ctttcaacca	tgncttttt	tcgnnccggg	agagaaacna	tnnccngggg	ggtnaaaagg	660
cctcnccccc	cntntntttt	caccccaana	gggggnaata	nanangttct	anctccntat	720
ncctttttcca	agcctatttn	ngttnggggn	ggnggttngc	nnntntctcca	atangccccc	780
aaagnatttt	catttgttta	ananttnccc	nacnttccct	gattttttaa	aanataaaaa	840
tgttcctnnt	aagangaaa	ggngnntant	nntaaacnaa	agcnnnaaga	aagnagaaan	900
nccttttttag	aantttnta	nactnttcnc	aaatgnngan	antacctnat	tcggggntgg	960
tnnctnntna	tnttggttac	gantggctgg	c			991

<210> 4941

<211> 1075

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1075)

<223> n = A,T,C or G

<400> 4941

cnnncttcnc	ctcnntgaac	cnntttgnaa	accncccntn	atgcaggatc	ccatcgattc	60
gaattcggca	caggggctgc	tggagctggc	aaggtcacca	ntttttgccc	agaaagctca	120
gaaggctaaa	tgaatattat	ccctaatacc	tgccacccca	ctcttaatac	gtggtggaag	180
aacgggtctc	gaactggntn	gtttcaatng	gccattttaag	tntagtagta	aangactggg	240
ttaatgataa	caatgcatcg	taaaaccttc	agaaggaaa	ganaaatgtt	tggngggacca	300
ctnnggtttt	cttnnntgcy	tgtgggcanc	tataaaggga	ttagtnnnca	aaaatcagta	360
cctttttta	gggaaaacaa	cttgacccaa	aaaattttgn	tccacaagaa	aatttttgag	420
gaccccattn	aanaangagn	ttaaaatnga	ggaaaaanaa	aaaacgngcn	tnagagaaaa	480
cttcgggagg	cccctcttaa	gaacctaat	aggtggagga	tccgnaattt	naccggnccg	540
gaatccccaa	gaaccaatgg	gaataaangg	gattaccnt	ttnggattgg	aagccttttg	600
gggacccaaa	aacccaacca	aaccttaagg	naaatggnc	anntnggaaa	naaaaaaaaa	660
tggcccntnc	aaatttnggg	gnggnaaaaa	ttnangngg	aatngcctaa	tngggccttt	720
gaaatnnnnn	gggnaacccc	anttnattaa	aggccngggc	aaagtnnaaa	cccaaggntt	780
nngacccaaa	ccaancccaa	attgggcaat	tccnatntn	nnaaanggnt	nctccanggg	840
gnttccaacg	gggcgnaaan	gnnnnnncnc	nnacnnnnnt	nnnncaannn	acnnnancg	900
nnnnctnnta	cannantnan	aannnnntnn	nccnnnnnn	cncnccanna	nccnnnnnn	960
nnncanacnc	ganannncnc	nnnnnccgn	annannnccn	nnannaancn	ncatctnann	1020
nacncaanna	nnananannn	nnnnnnnanc	nnannnnnn	nnnccnnccg	cnacc	1075

<210> 4942

<211> 741

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(741)
 <223> n = A,T,C or G

<400> 4942

tntttcctta	cnaccagcta	ctgntctttt	tgcaggatcc	ctcgattcgg	aaatatagag	60
agatgtggga	tttgaatgcc	catgaaagac	atthttattht	acttgaatat	attcttgctt	120
cactttaccc	tccataatat	gttgtagatt	agtgtgatc	aagtttacag	agttacattt	180
tgctttccta	accattcagt	caggaattaa	aatatggcat	tgtataacaa	ctgggaagaa	240
gctcatagt	gatataaatt	agagtagata	atgggtcacc	ttgatagcct	ctgtttacat	300
tacttgata	tgggcaaaat	aattattacc	tatacgtgta	tttaagctta	attttcatat	360
aaacagtatt	tttaattctat	gttaaaatag	ataatatcta	aaagtgtgat	ctctaggtag	420
tccttagttt	attagtactg	tacttcaaaa	agatttttaa	atagggtccg	cacggtggct	480
catgcctgta	atcccagcac	tttgggaggc	tgangcgggc	gaatcacctg	aggtcaggag	540
ttcgagatca	gcctggccaa	catggtgaaa	ccctgtctca	actaaaaata	taaaaattag	600
ccgggcgtgg	tggcangcgc	ctgtaattcc	cagctactcg	gggaggctga	ggcnngagaa	660
tcactttgaa	cccanggggc	agaaagctgc	agttagccan	aatcgctca	ttgcactcca	720
ncctanggga	cangagcgcg	n				741

<210> 4943
 <211> 887
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(887)
 <223> n = A,T,C or G

<400> 4943

annnnnanng	nntrnnnnngg	nannnnncan	ncnannnnnn	naggnnannnn	nnacnattcn	60
cccctttct	aanagacttg	gnactcngc	ncnttccgca	agnagnnnng	cgtnnecggt	120
tgngaggaaa	tccaaagctg	accaaagcat	gggtccccacc	ttttggagct	tacagtctgt	180
actggggaac	agagattcag	ccaaagtcaa	gaaacactgg	atgccagcta	gattatctgt	240
tctgtgcttn	ggtgtctata	agtacatatg	nggatatggg	ttcattnnat	ccctaaactt	300
agtaccaaac	cagcatttaa	tatctaatta	taaatactaat	tnggcctaaa	ctttattatt	360
gcacactgcc	tgaacaaaac	ctatttgcct	ctatgtaaat	tttttcctca	tgggaacaagg	420
gngngaaatg	aaaatattnt	aggatttatt	caaaaacaga	ctattctgnt	ntcagctnca	480
gaantgnacn	atgaatccta	aggaacntc	tgccaacang	ttgaggtntg	ctgnnecgaa	540
agaaagaana	aagaggcggn	aanntctcag	ggagaaanta	nnnccnntnc	ttttctatnt	600
tcagcanacc	ntggaggggg	gggcgagaa	caagaantgt	aaaggaggga	tcagaaaatg	660
gggaatnctt	nggcagctgt	nngaanatga	tgangaagaa	ntcnnnant	ctcagttnc	720
cntnngnttc	cctatnaact	nttgataaaa	atnngggntt	nggccaccaa	aannacnnt	780
gcncncaaca	gcttcattgg	nccnnaatnn	tccaaccnct	gatcggnna	cnntcaaaag	840
gctannnggan	ccgtnnctgn	tanaantngn	aaacnangcc	caccccc		887

<210> 4944
 <211> 1201
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1201)
 <223> n = A,T,C or G

<400> 4944

nccccacnn	cnnccnacac	nnanacnacn	cacacanann	nccnancnnn	nnncncancn	60
aaccnanaat	ananaccncn	cacnccnnan	ancanacann	nacnnncncc	anacnaanaa	120
aaaaanctnn	cannnnnana	nacaaaccnn	ganaganagg	ancncttttn	cnaanaaaan	180
acncgggnan	nnnncnggaa	angnannaca	cgagagngna	nactngtnaa	nagecccttt	240
tgcnaaaaac	nccttngggc	aaaancnccc	gcctcannac	cananagnnc	atngnnncn	300
ntacnacgcc	naancatccn	aatgccntca	gctannnnngn	gggangnggg	gaaccccaca	360
acanaacnan	anannacncc	nacctacncc	acnacannna	acnngaccat	cactccaacc	420
aggacaacnn	caacaaacta	cnnanancgg	acnaanatct	nancacancc	ctctancaac	480
cannacacca	acaccaacnc	ctncatcnac	anccccaaaa	aggcacnaca	ccncanaccc	540
catcaccatc	acanccaaaa	aaaatnnnnng	ctccnaccac	nccacaacnn	ncagtnacat	600
cancggaaac	cangattaca	nnanngannn	caaacancca	tcgcncncnc	ntacaacagc	660
gnnaannaca	tccaaaccnn	gaanccaaaa	ncgacaacat	nttatnccca	acaanagggc	720
aacangaaca	accccncgan	angnganaan	atanacngaa	aaangcnata	ntccnatcac	780
ccaannncan	aaacacntnc	tnnncccngg	nacannncca	taaaacacat	agccctnaaa	840
aacaacnnnc	naaaacccag	acnnnancnn	caaaacccaaa	anatctcgcn	anaaaactcta	900
ananatcnaa	ccaannanac	taanacnct	canaaaaanag	cctcnacgga	ggaaaaaaan	960
aacacctann	acaaaacanc	accacnntgg	annacaaaaa	anctcncnca	aggcnetcta	1020
canttaaaaa	accccnnnac	tncacacncc	cccacanaca	canacncgca	acctcanntn	1080
tcaaaantaaa	atcnacacan	acnanccact	anccnnncaa	nacnantngg	angcaaanc	1140
cnaaacccnn	tntntcnann	nngncccccn	aaccctcnca	naaatnccaa	nacaancanc	1200
c						1201

<210> 4945

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (769)

<223> n = A,T,C or G

<400> 4945

cnttttnttt	tcttttcaac	angctcttgn	tctttttgca	ggatcccatc	gattcgaatt	60
cggcacgagc	ccagatgggg	gtgtttttca	ggtctctcac	aaatgagaca	agcgaaacaa	120
ttgtctcctt	ttattctctt	tgggtgcattg	gtgctgggga	aacatgaact	agcggcagtg	180
taactgcaga	acatagaccc	agttctacca	ggccaggcca	gcactgggaa	ccgccagaca	240
gggctgcttt	gggcttttgc	tacagtattt	ccatgtgtag	cctggcggtg	gagaaagtat	300
taggtgaaat	gccagtttca	tggttcaggt	gaaagtctgt	gatcattccc	ctcgtggctc	360
gtccttcaca	tcacttttgc	ccttcaagga	gttgccgcgt	ccccgctcag	tgcccgcctg	420
agccctcaga	gctcccctgt	gcttttctgg	atggggactg	gcggggtcac	ctagcctcac	480
cgtggagcca	ccgtgcaatg	cccatctctg	agaggcccac	gcagtattcc	tcgtgccctg	540
tgttagtgcn	ttctgtataa	gggacagaca	gaactggggt	ttttttcctc	tgccctgggtt	600
tagagttaaa	tgtaactaac	ttttattttt	cccccttatg	aaagatagaa	aattattttt	660
atggtagtgt	tccagancct	tatacaaaaa	ttttttgtta	aaaatgttct	ctgggaaaag	720
ttaactncna	cgaatgtaaa	atattgcctt	ctaattaaaa	taaccannn		769

<210> 4946

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (769)

<223> n = A,T,C or G

<400> 4946

cnttttnttt	tcttttcaac	angetcttgn	tcttttttga	ggatcccatc	gattcgaatt	60
cggcacgagc	ccagatgggg	gtgtttttca	ggtctctcac	aatgagaca	agcgaaacaa	120
ttgtctcctt	ttattctctt	tggtgcattg	gtgctgggga	aacatgaact	agcggcagtg	180
taactgcaga	acatagaccc	agttctacca	ggccaggcca	gactgggaa	ccgccagaca	240
gggctgcttt	gggcttttgc	tacagtattt	ccatgtgtag	cctggcgtgt	gagaaagtat	300
taggtgaaat	gccagtttca	tggttcagggt	gaaagtctgt	gatcattccc	ctcgtggctc	360
gtccttcaca	tcacttttgc	ccttcaagga	gttgccgcgt	ccccgctcag	tgcccgcctg	420
agccctcaga	gctccctgtg	gcttttctgg	atggggactg	gcgggggtcac	ctagcctcac	480
cgtggagcca	ccgtgcaatg	cccatctctg	agaggcccac	gcagtattcc	tcgtgccctg	540
tgtagtgcn	ttctgtataa	gggacagaca	gaactgggtt	tttttccctc	tgccctggttt	600
tagagttaaa	tgtaactaac	ttttattttt	cccccttatg	aaagatagaa	aattattttt	660
atggtagttt	tccagancct	tatacaaaaa	ttttttgtta	aaaatgttct	ctgggaaaag	720
ttaactncna	cgaatgtaaa	atattgcctt	ctaattaaaa	taaccannnn		769

<210> 4947

<211> 738

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(738)

<223> n = A,T,C or G

<400> 4947

ntttcaaatc	gcttggctac	ttgttctttc	tgcaggatcc	catgcgattc	gctactgagc	60
ctggcttgca	actggggtga	gtccacctt	gaacgtcgat	cctcctgcct	ggtggagcca	120
tcccagctga	tgccacatga	agcagacaca	agctgtccct	actaagctct	gctcaagttg	180
gatattcatg	agtgaataaa	atgactgtta	ctaagtnaaa	aananaaaaa	aaaaactcga	240
gcctctagaa	ctatagttag	tcgtattacg	tagatccaga	catgataaga	tacattgatg	300
agtttggaca	aaccacaact	agaatgcagt	gaaaaaaatg	ctttatttgt	gaaatttgng	360
atgctattgc	tttatttgta	accattataa	gctgcaataa	acaagttaac	aacaacaatt	420
gcattcattt	tatgtttcan	gttcaggggg	agggtgtggga	ggttttttta	ttcgcgcccg	480
cngcgccaat	gcattggggc	cggtaccag	cttttgttcc	ctttagttag	ggttaattgc	540
gcgcttggcg	taatcatggg	catagctgtt	tcctgtgtga	aattgggtatc	cgctcacaat	600
tncacacaac	atacganccg	ggagcataaa	gtgtaaagcc	tgggggtgcct	aatgagttag	660
ctaactcaca	ttaattgcgt	tgcgcttact	gnccgctttt	cantcgggaa	acctgtngtg	720
ccanctgcat	taatgaan					738

<210> 4948

<211> 795

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(795)

<223> n = A,T,C or G

<400> 4948

gncnnncctt	ttgnaaancc	cctttttnnn	aagnnccttn	cnccttttgc	aanccgttgg	60
gcaactcgca	ntctctcnan	acagcaaggn	ctgtggcgaa	tncggcacgn	agccgccnnn	120
tctncanncn	ntgtcagggn	nnagnctgan	gctancnct	ncnnantgcg	nnccnnngaan	180

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cccanngac agcnnccnng cangcacgct nccncacnng acacaanctt taactaactg      240
cccnactncc aatgacgaaa acatntngga ntgactgccg aaantgcctt tccngatnta      300
accactagac natccatctg tatcacnnng ttnagccatc tttacngatn taagntccac      360
tgaacggctg agaaacttgn anaacacant gnacncgnnn aagnctngaa cacaactggg      420
ccaaggaaaa ctaanagtgc natantgnaa cccanantgg catccacana aaggcncttt      480
aaacntgcan gctcatcgtc aaagaatnat ccanatncct ggacactggc nggacacnnn      540
catgtcnatc natgaacaac ctanaggcct tgcctangaa ncgctgccta ccactnnnna      600
tgatangccg aacannaata tctantnccn tcnnnctata nnnntcnaag nantaaagna      660
ccnnntatn caagnnaann nannaancta gcacatgnnc tcanangaac ancaaattna      720
tacnnganaa tngtnccttn naaaacntcn ngggtanact tncncanntn nccanccct      780
aaaanntccc nnnnc

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<210> 4949

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (784)

<223> n = A,T,C or G

<400> 4949

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ttntttttt tggttaccct ttgctctngg nctttttgca ggatccctcg attcgaattc      60
ggcagcagcc ttccacgggt atttcacaga tatggagagc tggagcagg gagtgagtct      120
ctgagtgttg gaattgtaag ggatcagaag cagggatcag aagcagtggg gaagttcatc      180
caccataaaa cacacaggtg actttgcctt gaatctgcag gactgaagcc aactcttggg      240
cacagaccct tagtcccttc cttggccact ctaagtcaga tagtccagag ccaggccctt      300
tgggatgtga caccgagata aatcagagaa aagctgtgaa gcttggggaa cagagggact      360
tttgggtaag taggtggtct gcagtttcta tcttcttggg aaaagcaagc tggaaaagtg      420
aacagtgggt ggtaggccat agtgctccca gctgggtgac ataatgacca cacagcacag      480
tgatgttatt agcaactgtg tgggtggagta gttgtgggct ggacaaatca atcgtgtgga      540
aattgttagg agttttatta cattaaactt gttaacctaa aataccatca aaaaaaaaaa      600
ntncnmannn nccnccacc nancntncna aaaaaancct cganccttta aaaacnnntn      660
gnngaggccn tatttacgtt anattccaga cnttgaatan ggatnccatt tgnattgaaa      720
ntttngggcc aaaccccaa ccttngaatt gccattngaa aaaaaaatgc cttttatttt      780
gnnt

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<210> 4950

<211> 737

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (737)

<223> n = A,T,C or G

<400> 4950

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gttcttttgc aggatccctc gattcgaatt cggcagcagg ttatatataa ttattctttg      60
ttttctttt tcttttaata aagcctgcaa gttactaaat tgtagtttca taaattctgt      120
agtaaagtat catcttggca gtgtgccaaa ggtgaaaatg atgctttctc taacagagaa      180
attcttagtg actccagtcg tagaaaaacg tctttacaac ctgaataaga ttgaagaatt      240
gtgaacatac catggcctat tggatgaatc atttgccgta ggctaaatca gactgtaggg      300
tttgtgatgg atttatggag tatgtgggta tagaaatcat gaatctagca tttgttttca      360
gagattcaag catagtcnta agggtagatc agaaatgaca aatgaattca aaacctagca      420

```

```

ggtgcattgt aaatgtgtgc ccagttatgt tttggaaatg gcagttcctt ggggtcatgt      480
ntctactggc caaatattgca atagtgttct atngnatgta atttctaaaa tttatttagga      540
ttatccnctg tggccaagta aactgtctgc caatagaatt ctgggaattg tgagaaattg      600
tatcattgaa gttcagntnn gatgngtgcc ttaaaaaatt tatcnnggac ccccanacan      660
ggaaacnana antatttngn tcctgcangg ttcatgacca cgggcannga aggtattttcc      720
cagaaaaata cctcnnn                                737

```

```

<210> 4951
<211> 785
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (785)
<223> n = A,T,C or G

```

```

<400> 4951
ttgnanccnt ttgaaaccct ttttanantt ctancatata agctacttgt ncttttttgca      60
ggatcccacg gattcgaatt cggcacgagg gcnactntgn agaattcgta cngatganga      120
ctgcanaatg aagacctact ttcaacttnc ttttgncccc ctctagnaga atcaaatnga      180
atcttttact tacctctgtg caaaaanaag aaaaatgaaa nangtncatn tattcattct      240
gttnctatat agcaaaactg aatgtcaaaa gtncnttctg tccacacaca caaaatctgc      300
atgtattggg tgggtggctc gtcccctana gatcaagctn cacatcagtt ttacnatata      360
aatacttgct ctaccttaat gatgaggact ccttaaagnc ncatttgcta ntgatnaata      420
cactgctnng gctggccagt tttnnatgcn tgcagcttga cnantgagca cactcaggcc      480
tttgtnntaa aaatgaaaaa tgaaaaaacn aattcaaaac ctattcaaatt ggnttctagn      540
caatttgttt agtataaatt gncatagctg gtttgcttga aaacaaacac attttaaata      600
ggtttacctc aggatgacgt gcagaaaaat ggggtgaagga taaaccggtg agacgtggnc      660
ccactggtag gatggacctt tgagcttctg gtgctccgnc catggngacn atgacacacc      720
ctggnggcat gccctgtat gtgngttaac gntgtctgca ttgtctaaan tgaacangtg      780
ttagc                                785

```

```

<210> 4952
<211> 1523
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (1523)
<223> n = A,T,C or G

```

```

<400> 4952
gggggggngn ngcgngngtn gggggggggg gttnttcnnn nnnmntggng acaccctttt      60
ttttnggggg ganaaaaacc cnngnggagg ngcgngnggg ggctngnggg gannnctggg      120
nngngngggg ngggggggcn ggnntggagn ngngngngng cncgngngng ggcgngngnc      180
gngnggggng gggngggggt nntttttttt tngggnnncg ngaggggggg ancnaaggcg      240
nngggggggg ggggggggnt ggngttgcnn gggngggagg gggnggggag gnngaagggg      300
aggnggcggg gannggcggg cagnggaggg gggncgnggg ngggtggcgn ggngngggcg      360
ggngngnggn gccgnnttnn gggnggcgcg gcgncctngg cgccggcggg gangngcgcg      420
gncgtgngag ggnagacggg agncngggca nngagctggn gtcngnggcn gggcggggcg      480
nagngagnag gctcnatngg gggngggcgg ggngtgnggn ggggncnncg agngggggga      540
nnaggcgtn ggcnggntcg nngngcggg ggcgancggg gagnntgngg ngggggccag      600
gngngggngg ggggncgggn gggngnatc gcnnngcgnt gacggngtgn ncgggncggg      660
cngggcgcg cngancnccg gaggaacgnc gcangggggg cagtggtnng gngccgngt      720

```

```

cngtgtngng cgagnggngn gagagggagn gnngntgggt ggggncgagg ggatggccga      780
gngtcngnng gggggaggng gnggngnngn nngagggcgn tngnntggct nngggggccc      840
aggngcnggc nnggcngngn agggngnngn gggnaggcgg gcntgggntg gccaganagn      900
gnnctggggg ggntagagng cggngnnggg gnnntgngng agacgggcng agcgggcggg      960
nggcgggcgn gngngngcgt gnnagagcgn gcgggngcgn gtgngnccng gcggncngnn     1020
gcagaggngg gacacagcnn cggagngngg tgnatgnga gangagngng nnnngtggcg      1080
nacggttagc gggcngcngg gagagngagg tgnctgntggg ggagcnnctg cngcgtagag     1140
aggcngcggc gnnnggatag gnggggngga gcntgngngg ganncggtac tagggagcgc     1200
gagtgggngg nggtngacgn gagggggngg tgntnggaga gngggnggagc cngngngcngn     1260
tgtagagagn cagnggcgtg ccnggtgggc anagggcngg tgcnnngta ganatggntg      1320
nngcncctgc gcnggcgagg cnntagngng ngtgngnggg gangagcngg tgtgggcngg      1380
cgcgnggggg ggcggcngag tgacgntnng cgcgatngnn nggccnccgn ngcgngcgcga     1440
gangngangg gngnngcnnn cgcgnggaga nngnnaggna cagggcgagg gangcgangn      1500
gntgtgtggn agngcgggn ggt                                         1523

```

<210> 4953

<211> 758

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (758)

<223> n = A,T,C or G

<400> 4953

```

gacttcnctt tcnaanannc tnggaagctn antnncctaa ananaaggtc ntgggcgaga      60
gttctggatg agacttggtg tgggtccattc tgggacaaaa ttcctctctc tctctctctg     120
cggaccctgt aaatctagaa aataagttat ttgcttctaa aatacagtga tgggacagac     180
ataggataga cattcccatt tcaaaagtga gaaattgggc cagggtgcagt ggctcacacc     240
tgtaacccca gcacctgtaa tcctagctcc ccaggcggct gaggcaggag gattgcttga     300
gcctgggaga tcaaggttgt agtgagccat gattgcgcca cctttattgg gaaactttta     360
ttccagttac caataacaca ttcctcattt nctccagaga cctcaccaga aacaccttta     420
atattcatat ttctagcagc cttctgttca taacaatata tgcattcctgt taagatgata     480
ggagatttct cttgcacctc tcctctttgn gagcctgcan gggacattcc cttttaatgt     540
ccatatttct accagcagtt ctcttnaaag caagtctaag gtntttccta acattacacc     600
tnaaaattct tgcanntntt nmccaagcac agtgccctac atctggtaat tcctaacact     660
ttganaagge cnaacatgga acaggaatgc ttgagctcaa ngagttcaag accagcncgg     720
gcaanattat ggaaccctnc cttttcnaaa aattncnt                               758

```

<210> 4954

<211> 781

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (781)

<223> n = A,T,C or G

<400> 4954

```

tgagmcnttn nanccttttg aaatttttan acagctactt gttctttttg caggatccca      60
tcgattcgaa ttcggcacga ggttgctctt ccatgcgttg gtcagggggc cctgaaaaca     120
ctggtaatat taagagtctt tctcagggtg acttaatgtt ttcttaatga acaatgtttc     180
cagctacaaa ttctttcaat aaattgtctt cctttttgaa aagtactctc atagaagaaa     240
tttagcaatt tctcgttgac tgactcagtc tattttaagt attcagaaaa gattttgatc     300

```

```

cccattgagt taatgctctg ccttgaaaat tatttttctg atccttggtta gtgataacat      360
tttttttcta ctgaagggtca gaggatanga aacaagtatt tctcttctgg tatacatgta      420
atgtattctg taaaaaagta ttcatattgg caatttttagt taggcataat attgtgggtg      480
taatttttaa aacttagtgt tttgtctgat taaagcangc actgatcagg gtatctccta      540
agaggtaatt cacttcttat tcctttccaa taattattac attctaaatt ttcatctatg      600
agaaataaca aacaagaagg gaatagaatt aaattgggggt ataatctaatt cttcattggt      660
taaattgggtt gccttctccc attgaagcca ttttttatag cctcanaaag aggaaataat      720
gccttcaccc attttctacc tggtgacttg aaaaatggac cttttaagtt aggaagaagt      780
t                                                                                   781

```

<210> 4955

<211> 939

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (939)

<223> n = A,T,C or G

<400> 4955

```

gnnnttctaa tttcctaaat ggctgggcta cttgttcttt ttgcagggtat cccatcgatt      60
cgaattcggc acgagtgaag agggaaaaagt tcaaaaaata aattacattt tataaataag      120
gcaaggaact ggacattacc tcacatctgc aattccaacc ctctgggagg ccaatgcatg      180
tcattcnttc cnatanntnc nactcnagac acatgatgtg attcacagaa cnaganaang      240
nntccaccta ctgtcctgnt tnangnnggg atgctncata aagaggatna cnnttaancc      300
actaacagtt atgcctntna tcttgaatct gttcctacta gtttctgnt ncctgggcnt      360
gttactttat gtttccttnc ntcannttac ctttaatatg anaatantna tnattntttt      420
accatggtcc cttacttnan ngatantttt ntnatnnttg catngnnata nnancntnnn      480
gtncctttcn cantntaaat tettaannnt nntcnttatt cnntnttctt ntntnttttn      540
tnattnnnnn ntntntacnc ttannntccn cnacatcanc caatttttnt nntnnnttnt      600
tncannanaa ttnntntttt tnatanattt tntntactt ntgnnanatn gggntnatnt      660
tncntnncna antggttnnn nnnntttttt ncnncnnann naacntcntt tnatcnnttc      720
tnnnatnnnc nattnattan tctntnnctn ttnntatcna cncaattncn ntatnntnat      780
ctntatannt tnnnaatnnn tnanantacn tntannntnt tctntntnt tntanaatcc      840
nnaatntatc ttntnttnnn nntctaaaan agctnttncc ntttnnaatc ncttntntnt      900
nnattntntt ttantctnta cnanactttt nttacttctn                                     939

```

<210> 4956

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (780)

<223> n = A,T,C or G

<400> 4956

```

ttganccttt atacagctnt tgatttgana cctttanaca gctacttggt ctttttgcag      60
gacccatcga ttcgaattcg gcacgaggga acatctttac caccaacggt ttacctctgc      120
ttcaacaatt tggccttgtc aaagacacct gctcatatgt aaatgtggaa gatgtctcag      180
gagccatatc acatctgtcc cttggggaga tcccagctat ggcacagccg tttgtatcct      240
cggaagaacg gaaggaacga tgggaacagg gccaggctga ttatatggga gcagattcct      300
ttgacaacat caagaggaaa cttgacactt acctccagta gaaacactgc atttttctgt      360
gaacacatcc acttcacaag cttgttttct gatacttagt atctagagct ggggttgagaa      420

```

aagtctgtta	cagttgctag	aggttttcat	taaaacttat	cagatgagag	gcttttttag	480
gataagaggt	gagaactggg	caaaagttgt	gaagcagcaa	ttctgttata	tggaactgtg	540
tctgcttttt	aatcctattt	agcttgtttc	agaaattctc	acttttggtg	actgccaaca	600
tacaaagtaa	gggaaactca	agatattaag	atggctgtat	cagttcttaa	aatctgcaga	660
gcctggttca	aaatcagtca	ctcccttcag	aagcagacat	ggcatctgtt	ccttgcttgc	720
ttgttggttg	tgctctttca	cgagacctga	attttagaat	tgcccagtgc	tgccagagtg	780

<210> 4957

<211> 1210

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1210)

<223> n = A,T,C or G

<400> 4957

gtnnnaacng	ttaacnctc	tgtctttgag	gtccatcggt	cnatcggacn	agtatgnatg	60
catnctccc	ctgtgcgatg	agnntgnan	gannnacagc	acatgggctn	taggacnttn	120
angtgcnnaa	nctnnngan	tgnnncngca	cgncnacng	ctncttgccc	gcctaangtg	180
aatatcgtn	ncgacatgna	gtgcatcang	agtganngag	cccctngcnt	gaatgtatnt	240
cgtentcaat	acnntntatc	gcnacatnc	cttnancntn	gctaccactt	cagcatgatc	300
ccactgctcg	aatttgccat	tcngtaattc	cttaacnagg	ngcntgnaan	ngcggaaacn	360
ttngtccaag	tnganacccc	tagctcttta	naagcgnttn	tnnntgggga	aaantnccan	420
ncctngngga	caagantngg	atttttaacc	caattggggg	aaacccgcct	tgggcnact	480
ttgnggggtt	nncccaaaa	tttcccncc	cttggganta	aaaanncntn	ttttcaagg	540
gagcgggct	tcancanatt	nccngttaa	ggngntttct	gattcaaagn	ccntgnccgg	600
tggaantcna	ngnggnanag	ngnaaaaaat	tcnttnggg	nactgcanaa	attncnncgt	660
tcggattggg	ngnnntntnc	cannanggcc	cctgtntccc	atangggngn	aaaactccgg	720
gccanttttt	ttttaanaa	aacctnggga	aantcccntt	tnntaattaa	ncaccctggg	780
gacgtccana	ttggggggng	acatttgcnc	natggcntta	gcctatantt	cgtaccncng	840
aaaaatcggg	agantnccct	ttganaaant	tnnccagaa	acntngccnc	anaacctttc	900
ggncnntgg	gtttgggtcaa	ttgaaaatcc	aaaaattann	tgccccctgn	nagacngggn	960
ntcaaatagg	ccgcttnntg	gtacttcncc	tacaacaatn	ttngntagn	cattngcgct	1020
caatggnaan	ttcancctnc	cngngnacnt	ngggaannng	attttaaacc	cggaaaaaant	1080
ttnaaccnna	acnactgggc	tcatnngcta	cttggnttcc	attaaacccg	cnnntgatta	1140
ncgggnctta	ncagnacttt	gcacggcnat	gcantagtg	acccggnnng	gttncaannc	1200
ttcntntgce						1210

<210> 4958

<211> 837

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(837)

<223> n = A,T,C or G

<400> 4958

ttttttttac	ttaacatntn	ngcctactcg	gnnctttttg	cagggatccc	atcgcnttcc	60
gaanntcngn	gccgaggggtg	tggnccaag	ttntncatga	ntagcaacna	ganggtgtng	120
anatnantgt	gtaaggctgn	gaattcttgc	tnaggaatc	gnagaanacc	tgntgctgca	180
aaatcntaca	tgttccacat	gganagggaa	gnctaancgc	tattcanaac	anttcnnttt	240
tgtatttaat	taancnattg	cagctatctg	ggattttcgg	gncagaatat	taanttcctg	300

```

gntgattctn catattccaa tgnatnaaat ncanaacccat tgngncttta agatngtgtc      360
aatnttcacc taacaactng tgcenaaagc acctgcattg gtaatnatat ttcncttaaa      420
gggcaaatcc tgncantntc ctgntaactc aaaagtgcac tnttccnctt caaaaatggt      480
gntctcagtn atcncacatn ctgcaganat ntatttatat ctatacntat anctnnntga      540
aatacnntta ctcacnaaat ntattntctga tnaacattcc catgttaaas ctnangcccc      600
aaacctttct aaattntggc cccctnanncc nttaatattn taaaaaaatc taaaattctg      660
nnntttcaaaa tttgnnctnt aagccttntt aanaaatntt cncnaccntt gcctttccaa      720
taccctnccc cttggnttaa cnaaatttnc tttnaatanc cntcaccttc ananactgga      780
ttctctttca aattnnntct ngcntcgaat cattantaac ttttgggnct ctncnct      837

```

<210> 4959

<211> 1302

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1302)

<223> n = A,T,C or G

<400> 4959

```

gnccggcgcc agtgcngtac ccanagcaga acgacccgta aaaccccttg ggaangnccg      60
ggacgggnccn cngnggccgn nccncacncg cncncnnnac acccctttt nccccattt      120
tancaccann atngncnnan cangggggng nannacngng naaaaccng gngagnnccc      180
nnccgcnngg ganncanang ngcngnnaag naaccnggng cncncaancan ccngngcgng      240
cccacanaaa cnggccanaa gananaacga agcgnacgcg gncgaagncg ggngnacagn      300
aanaaacnnn cngcacngcg naaaangccg cncaacanna gcnaaggngg aacnggacac      360
ngccngancn cncgncggan ncacngannc ncgcanannanc gcacangagc gganaccacc      420
cagcnggccca naangcgga canacgncnc ggggnnnnnn anccgngncc canangnnna      480
gacncnggna caccnncce ccccnangcc nagannnncan aannccnagn naccnagac      540
annacnnnnn gannncnnn cnanccgagg nacannncng nanngnngac cennnnctnn      600
nnngccnana nanncennac ancccccca nccncccgag ngaaacncnn naangaccan      660
cncaanacga cncncgaca nnacacnngn gcccancnaa nncaacacna agnnnaccan      720
acngcncnnc gnacnaaacn ncacgncgcg ggagcccga ccaacgcacg acacgcgacg      780
accgancanc aagaangnga ccncacacgn agcgnccnnn cgcgcgnanc gccggacnca      840
nngacanncc gaanagannc ggggnangng cacgaancaa cggccannng nnganngagg      900
agcnacaacc ncnacggang cgangccgna nagangacgg accaagacnn gaanaccgnc      960
gaggccnaac aaacggncga cgcccggga anncacnanc cncngnnggn canncnngac      1020
ccnganana cacanagcnc accacangnn ngnggaacac gacaangcca cgnacanaac      1080
gacgaagcan gaacanagnn gncgcaannn nnancnagnn nggaanacac acncgaaccg      1140
aacacanacg aagnaanacc aagagcanna gnagaagcnn acacagacac naaacngnaa      1200
ccggcccnna gnancceanc gcncnngcan cagngcaca naanncggn ncccacgcca      1260
aaacngcnac agnncgcaac gnangncncn acgcanacg cc      1302

```

<210> 4960

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(769)

<223> n = A,T,C or G

<400> 4960

```

aanaacgtaa ttnaacgcta gcgctctngn ngatccngna gntctntent ttttccaatg      60

```


ccngaanananc	tgcnnntggna	tgngngctaca	tgnatctagg	tggtgangct	ttacnecgna	120
gttgncngat	gacgcntggc	anangnccag	gntntnnnta	natccnaaca	ncatantgag	180
gnatnggatg	cctacnngca	gagncgacag	aactcacgct	ntaaaannag	gcgccacaca	240
cgggacgant	acgtnagaaa	naatncnntg	tgngtgnnt	tcctactcnc	ttactcacag	300
cncatcagaa	ggaagnngac	nacnagctng	aagcnggctt	nataccnnat	atcgncngct	360
acancctgng	ncaccactgc	catngcgatg	ctnnactnca	nctaattnta	ccatnnanga	420
tgntcatgn	acctgmncta	gcnccgccan	ncttntggng	gccccatnn	tagagaacgg	480
cttnnctcca	cactgtaatg	gtagnattg	tggatnttcc	tctatcatgg	aaggganttg	540
aaacngntnc	nctggagggt	nggngtng	actgcacttg	nagcattcgn	attcatgntg	600
anctcggaga	ttnactctgg	ngttccatca	actntgannt	caaacangat	gatcnnngat	660
taggncgntt	tccaatgttt	gngccaaatt	tgtaaanann	aacnacngga	ttncaantta	720
anttggnaaa	nccntnttaa	ccnttcgggc	tcntgctcct	nncntngcc		769

<210> 4961

<211> 880

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(880)

<223> n = A,T,C or G

<400> 4961

tnctttnttt	actttcgctc	ccgttctttt	tgcnatccc	ncgattcgaa	ttcggcacga	60
gagaggggtg	ggctctggcca	cataggtacc	tctgtggctc	tggtctgggg	ttagacactg	120
ttagggacta	gcattttattg	gacttgtaaa	gacagcacct	cagaattagt	aactacttgc	180
atthtagggg	ctgttttatg	aagccaacaa	gtgaatgtaa	aataggctct	gcattcttttc	240
tgagagccct	gtcactgggc	agtgagcatt	tccaaaattg	cagctctgtc	agaatgaacc	300
atgaatactt	aagaaaggga	aagtaggaac	agggagcaga	gcaaagcata	acttgctgtg	360
ttccagggat	ttaaaaataa	attactgtca	agagcaatat	aagggtcatt	ggtttgatca	420
ngaacttttt	tgtaaatgaa	aaagttcaca	atthtggnaa	aaacagtgtc	agatgtgtta	480
tggaatttgt	tatcacanaa	ttcttccncc	tgaaacttca	agttntatna	agacaaccaa	540
ntatatttgc	ctgnggaaat	tcttaaat	cttgnnccct	atngggaaag	gtnaacccaa	600
nacnntcang	naanccatt	ccntttttt	tggcntttgg	aaacttgncn	acccgggtng	660
gncanccccc	aatttttnt	aaaaatttaa	tggtaaaacc	ttttnanacc	cantatcant	720
nnnnccatt	ancnaccn	ctncatntac	ccnngcccn	tctncttnaa	tanaaacttc	780
tcngntgccc	cttttttnaa	anaantctt	tannnncgaa	ccccntctt	tttcccgcnt	840
nnatattncc	ncatccctt	tgnaantcac	ntactccnnt			880

<210> 4962

<211> 880

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(880)

<223> n = A,T,C or G

<400> 4962

tnctttnttt	actttcgctc	ccgttctttt	tgcnatccc	ncgattcgaa	ttcggcacga	60
gagaggggtg	ggctctggcca	cataggtacc	tctgtggctc	tggtctgggg	ttagacactg	120
ttagggacta	gcattttattg	gacttgtaaa	gacagcacct	cagaattagt	aactacttgc	180
atthtagggg	ctgttttatg	aagccaacaa	gtgaatgtaa	aataggctct	gcattcttttc	240
tgagagccct	gtcactgggc	agtgagcatt	tccaaaattg	cagctctgtc	agaatgaacc	300

atgaatactt	aagaaagga	aagtaggaac	agggagcaga	gcaaagcata	acttgctgtg	360
ttccagggat	ttaaaaataa	attactgtca	agagcaatat	aagggtcatg	ggtttgatca	420
ngaacttttt	tgtaaatgaa	aaagttcaca	atthttggnaa	aaacagtgtc	agatgtgtta	480
tggaaattgt	tatcacanaa	ttcttccncc	tgaaacttca	agttntatna	agacaaccaa	540
ntatatattgc	ctgnngaaat	tcttaaattt	cttgnnccct	atngggaaaag	gtnaacccaa	600
nacnntcang	naancaccat	ccntttttt	tggcnttttg	aaacttgncn	acccggttng	660
gncanccccc	aatttttct	aaaaatttaa	tggtaaaacc	ttttnanacc	cantatcant	720
nnnnnccatt	ancnaccn	ctncatntac	cccngeccn	tctncttnaa	tanaaacttc	780
tcngntgccc	cttttttnaa	anaantcttt	tannnncgaa	ccccntctt	tttcccgcnt	840
nnatattncc	ncatcccttt	tgnanttcac	ntactccnnt			880

<210> 4963

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(778)

<223> n = A,T,C or G

<400> 4963

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tgggattaca	ggcatgcacc	accatgcctg	gctaattttg	tatttctagt	agagacaggg	120
tttcgccatg	ttggccaggc	tggtctcaaa	ctcttgacct	caggtgattc	acccacctca	180
gcttcccaaa	gtgttgggat	tataggcgcg	agccaccatg	gtcagcctc	atgttcgttt	240
ttaaaactta	ggatggtggc	tcttttacat	tgattggtag	gaactcttca	tattacgagg	300
cagttagcta	gttgtctgtg	aaataaaaata	ctaattgattg	aactttctag	gaagtaccta	360
ttctgcta	agtgtaaata	tacacttata	cagggtcaga	aatactcaag	tttaccact	420
taaaagatct	agaaaataca	tgaacttggg	cttacttgcc	agttaaaatt	gnttatctca	480
gaattgtacc	atcaccttaa	ttaaagtaga	tatgctagga	ttatcctgat	aactaattaa	540
catagccttt	cccccttagt	gttcttcacc	tgaatgtagt	anttgnactc	ttcaagtcta	600
gcanaggcca	ataaaaagtt	cagagtttnc	naaacatcaa	ancctnntcn	ancncnnna	660
tannnnccctc	actcacatcn	ncncatcccc	acntacaaac	ncacnnnnnc	nncccnntnn	720
ctnccccntt	acnnctacct	cncnttccn	tcnnaantcc	ctcncacgc	ncnncnnt	778

<210> 4964

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(778)

<223> n = A,T,C or G

<400> 4964

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tttcgccatg	ttggccaggc	tggtctcaaa	ctcttgacct	caggtgattc	acccacctca	180
gcttcccaaa	gtgttgggat	tataggcgcg	agccaccatg	gtcagcctc	atgttcgttt	240
ttaaaactta	ggatggtggc	tcttttacat	tgattggtag	gaactcttca	tattacgagg	300
cagttagcta	gttgtctgtg	aaataaaaata	ctaattgattg	aactttctag	gaagtaccta	360
ttctgcta	agtgtaaata	tacacttata	cagggtcaga	aatactcaag	tttaccact	420
taaaagatct	agaaaataca	tgaacttggg	cttacttgcc	agttaaaatt	gnttatctca	480
gaattgtacc	atcaccttaa	ttaaagtaga	tatgctagga	ttatcctgat	aactaattaa	540

catagccttt	cccccttagt	gttcttcacc	tgaatgtagt	anttgnactc	ttcaagtcta	600
gcanaggcca	ataaaaagtt	cagagttnc	naaacatcaa	ancctnntcn	ancncnnnna	660
tannnnctc	actcacatcn	ncncatcccc	acntacaaac	ncacnnnnnc	nncccnntnn	720
ctnceccntt	acnnetacct	cncenttccn	tcnnaantcc	ctccncacgc	nnnncnnt	778

<210> 4965

<211> 827

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(827)

<223> n = A,T,C or G

<400> 4965

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ggcccnnggan	aacactggtn	atattaacag	tctttctnag	ggtaacttaa	tgttttctta	180
atgaacanat	gttcacgta	ccaaattctt	atcaanaaat	cggcttcctt	tntgaaaagt	240
actctcatag	aagaaattta	gcaatttctc	gtgactgact	caanctattt	taagtatnca	300
naaaagattt	tgatcccat	tgagttaatg	ctctgccttg	aaaattantt	ttctgatcct	360
tgntagtgat	aacatttttt	ttctactgaa	ggtcagagga	tnggaaacaa	gtattcctct	420
netggtatac	atgtaatgta	ttctgtaaaa	aagtattcat	atnggcaatt	ttagttangc	480
ataatattgt	ggttgtaatt	tttnaaactt	tagtggtttt	gncttgatta	aagccancgc	540
ttgatcaggg	tatctcctaa	agaggggnat	tccacctnnn	tattcctttc	caatgaatta	600
tnacattcta	aattttcatc	tntggagaaa	nnnacaacca	agnangggga	atnggaatta	660
aaattggggg	tataaatcna	nnctccatt	gnttnaaatt	ggntgccctt	cncaccantt	720
gaagcccat	tttttatagc	ctcagaaagg	agggaaataa	atgccnccca	cctttttntt	780
cctggtagac	ttngaaaaat	tnaccnttta	agttangaac	aaagtct		827

<210> 4966

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 4966

tttgaaccct	ttnacancct	ttgattttta	ancctttnc	cngcncnngn	gcnngancnn	60
ccccnnga	tggcacgag	ggtgtgcggc	tgtaatttta	gctattcggg	aggctgaggc	120
aggagaatca	cttgaaccca	ggagacgaac	gttgacgtga	cccgagatcg	taccactgca	180
ctccatctcg	agtgacagag	cgaaactcca	tcttggggga	ggaaaaaaaa	gaaagtaata	240
gggangnaaa	tcagaanttg	tgtggganc	cccctatntc	tggctcttgn	tannatactn	300
nacctgtcag	gcnatnctga	gagcgaangc	tnctgcntag	ggctagtctc	cattcagant	360
ggtttttgat	aggcatgaac	tagtctaact	caaagcatac	ttctgtgtaa	gctagcatag	420
ctcctntact	tggcttcata	ncnttgga	ttaatcgaga	aaagtgaata	aggaggggtt	480
ggncctgcct	tgaatagcat	ttgattntta	atcctacatt	ntatcagagc	cccagcnttt	540
naaatgttta	atagecntat	gtgctgtttt	gccacgctta	cnaagttngt	acttctgtga	600
atgaaaaagt	gtgactggac	tnacataaac	tggcnattgac	tnncagtcac	cagtntatct	660
ccatnttcaa	ggnaaaaccc	aangactggg	ttntcctctn	ttttcttttg	aanatganng	720
cnnctaaaaa	tcaantaatt	ggggctgggg	tgtggaagcc	caccttgtga	aantcttatg	780
ctttt						785

<210> 4967
 <211> 975
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(975)
 <223> n = A,T,C or G

<400> 4967
 annnnnanncn antnnntnnn atntnannnc nncntaantn nttnnnatcnn nanncnana 60
 anatntnnac tnnaaanaat tnctaagtat taangggggg tctaagtctt ggaaactccc 120
 ncgantaana gggtngtcgg cngctctggc tgcccgggg ttnagcagca tggntctctnc 180
 aggggcacag tanngcgct cccganttac cggagcgnaa ctgccaggta ccgcnaagtc 240
 nnctctggna tcagcgctac caaggcgagc ncgantctgc caagctacct tagganccggg 300
 gactnatect acttcctgct cctactagag ccggagntnc ngncggagga ccgnatcntt 360
 gtntangnt gcnnagaacn ngcncctgat tactaatctg ttccntanga cgtncnta 420
 atgnnaccag tgcngactac tcactnatac nnggnagctt gatangcng ctnacnatgc 480
 ccatgtgccc nnatcctcnc tnnaaaaacn nngaagtgtg gcgaangctg ngacntttcn 540
 ccaaagcttt gtttttgaan tnggttntc gaaaaaanng ncncnacttg ggaatncccc 600
 tnaattngca tgggggggaaa cttaaagnttc cccttggnaa ccccatnnta nccctttnta 660
 aaaaggggat ttaaccccaa ctttgggggc aaccccaaaa ntnttttgta aacntntaat 720
 ntctggaagc ccctgggaan nantttgngn aancctntag nnaaggggccc cnggnanttc 780
 ttntctntn naacangaan ntnttttann gccnngaccn ncctcgannn ttttaaaggg 840
 gcccnanaan cctntnttgg ccnnaaaacc cttttagngg ttnaggancc ttgaggaatg 900
 cccccccttt ggnaatgngg atttccactt nccnatgngt aaccnana naaaangngg 960
 gaaaagctaa aance

<210> 4968
 <211> 1150
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1150)
 <223> n = A,T,C or G

<400> 4968
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 ngngntggcg aanttcggca cgagtngaa gcatncacat atccttagaa tagttnnact 120
 tnggctatna acccctngcc ggctgnggct cccantgtn gtnantctgn natgtgctat 180
 acccaacctga gagcangggc gccatgcctg gctaantann ngtnattact ttntcanca 240
 gatgggggtct tcaactngnt gnccangctt gngtctagaa ctccggggct ncaanttgat 300
 actcctgcct gagcctccca aagtgcntgg gattatagac atgagcaa atgtacttggg 360
 ctcaaatttc ttgnttnaaa ttgggctttt ttgtcagaag naatgngcnc ncctttgaat 420
 tatnatnttg atctgttct cattgtatta cttnagnacc ctattcnnac natangantt 480
 tctatnttta ttcaatgaaa gcngccctgg ggaatttatt tgnacctng tanccacntn 540
 cngnggcctn tgnggnntc taaatatacnn tngtccgctc tacntnnaat ntcggggggc 600
 nccttatact cnggtncacn nmatngnaaa aatnggtgt cctntaactt tcttncaaaa 660
 atntgcggca gatnntnntt gnggnntant tttnanagcn ctnttngtna nntnncttt 720
 tggngncaan tttatnact ntngnaaana nccccctnt atcnnataa ccaatttcgg 780
 naanatnngt canatattnt acattatcct ctaattntn ccccaatang ntnanttact 840
 ctncaaatnn nntantatt cngnntcta tcnanaaatt ntctananan ttctntncca 900
 ntctctgnga ntntttctgn aannnttcat ncgtgcggan tannctatgn ggacntaaat 960

ntttntance	ccccganntt	nttncntaaa	aaangataa	gnctttttcc	acanactcca	1020
acaaantcct	ngtggannac	ttaaantnnn	tcacncct	cnggnaacat	gtctnctntc	1080
ttanagtag	ncatnttga	tcnatntana	aaggnaaatn	ntgatnnggn	gtctntctta	1140
cttatcance						1150

<210> 4969
 <211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(772)
 <223> n = A,T,C or G

<400> 4969						
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angntntct	gactnttnnn	ctatgtaata	ngcaggngta	gttgnntntn	tgctgccatg	120
natgnatna	catnncatgt	gcagtgtctn	acgtaatacn	ctccnatnaa	nctngttggn	180
cntactnntc	nncaacntgg	atatgncant	ttgnncagna	cnantgntgc	anattggaan	240
atgatggcct	nactcttaacn	atgtgattgc	ctatatgncc	tctnnacctt	gaatacntnt	300
gntatnncan	ncanagtnct	aaaggatgnc	natnatagca	gcncctcttn	naaataagga	360
aacntccttg	aataatgtaa	aagcctcata	tacaataatg	aataataaag	aataatgtga	420
aggcttcatt	caaggttggn	gtttgccaga	tcattgcaac	aaaatgacag	agcanccaac	480
gtatttanga	tagtggccaa	agtattgtaa	tgatggctta	tgagtggtca	gctggataaa	540
gagtgaataa	gactaaaaac	taatggattg	ttcagtcgaa	tagcanatgg	tcaatgggtca	600
tggtcagtat	aataggggga	cccaaataa	aattggaaga	cccagtcana	agtggggant	660
tgatcaattc	canccaaaag	tggtgaatgg	caggggaatc	ggtaggcccc	anggttccaa	720
aatgtttacc	agnggncaat	tttgttggtc	ccatgggtgg	gaatccaang	gc	772

<210> 4970
 <211> 710
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(710)
 <223> n = A,T,C or G

<400> 4970						
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gtggctggat	aaaaggatgt	gtgggaaaga	actgagttga	aattaggagt	tagaatttta	120
ttctttggta	ctaaggaatc	attgaagatt	ttaaaattag	ggctgacata	atcagatttg	180
agtttgggaa	cctatagttt	gggactggag	gaagacaggt	gccagacacc	agttaaaaaa	240
ctgttatctt	ctaagcagta	gacaaaaggt	tacactgaca	atagctgtgg	agatagagaa	300
aagctgcgag	atttcagagt	tttccaaggt	gtaaacaact	aaattttgtg	atcaaaatga	360
taagggccat	ctaataagct	ggggaatgtg	ggatctgtct	tggttgagtt	ggtggattaa	420
ctgagattaa	cagagctgga	ggaaatgtaa	aaagaaaggc	aggattgttc	attttgtctt	480
ttgtttgttt	tggtggaacag	ggtcaaaatt	ttcattctgc	ataaggtagg	tttagtcttt	540
ttcaaaacat	tctagtaggc	aagtctgtag	ctgaatcttg	gaagaaaggc	aaccatagta	600
atatttttga	gttctacttg	tttatttttt	caataaaaaa	tcagggtctc	agggttagcag	660
atcatggtct	taggaaggta	gctgtagaac	ccaaaatata	aattcctaan		710

<210> 4971
 <211> 710

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(710)

<223> n = A,T,C or G

<400> 4971

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ttctttggta	ctaaggaatc	attgaagatt	ttaaaattag	ggctgacata	atcagatttg	180
agtttgggaa	cctatagttt	gggactggag	gaagacaggt	gccagacacc	agttaaaaag	240
ctgttatatt	ctaagcagta	gacaaagggt	tacactgaca	atagctgtgg	agatagagaa	300
aagctgcgag	atttcagagt	tttccaagggt	gtaaacaact	aaattttgtg	atcaaaatga	360
taagggccat	ctaataagct	ggggaatgtg	ggatctgtct	tggttgagtt	ggtggattaa	420
ctgagattaa	cagagctgga	ggaaatgtaa	aaagaaaggc	aggattgttc	attttgtctt	480
ttgtttgttt	tggggaacag	ggtcaaaatt	ttcattctgc	ataaggtagg	tttagtcttt	540
ttcaaaacat	tctagtaggc	aagtctgtag	ctgaatcttg	gaagaaaggc	aaccatagta	600
atatttttga	gttcctactg	tttatttttt	caataaaaac	tcaggttctc	aggtttagcag	660
atcatggtct	taggaaggta	gctgtagaac	ccaaaatata	aattcctaan		710

<210> 4972

<211> 710

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(710)

<223> n = A,T,C or G

<400> 4972

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ttctttggta	ctaaggaatc	attgaagatt	ttaaaattag	ggctgacata	atcagatttg	180
agtttgggaa	cctatagttt	gggactggag	gaagacaggt	gccagacacc	agttaaaaag	240
ctgttatatt	ctaagcagta	gacaaagggt	tacactgaca	atagctgtgg	agatagagaa	300
aagctgcgag	atttcagagt	tttccaagggt	gtaaacaact	aaattttgtg	atcaaaatga	360
taagggccat	ctaataagct	ggggaatgtg	ggatctgtct	tggttgagtt	ggtggattaa	420
ctgagattaa	cagagctgga	ggaaatgtaa	aaagaaaggc	aggattgttc	attttgtctt	480
ttgtttgttt	tggggaacag	ggtcaaaatt	ttcattctgc	ataaggtagg	tttagtcttt	540
ttcaaaacat	tctagtaggc	aagtctgtag	ctgaatcttg	gaagaaaggc	aaccatagta	600
atatttttga	gttcctactg	tttatttttt	caataaaaac	tcaggttctc	aggtttagcag	660
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<210> 4973

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 4973

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gagagtggct	ggataaaaagg	atgtgtggga	aagaactgag	ttgaaattag	gagttagaat	120
tttattcttt	ggtactaagg	aatcattgaa	gatttttaaaa	ttagggctga	cataatcaga	180
tttgagtttg	ggaacctata	gtttgggact	ggaggaagac	aggtgccaga	caccagttaa	240
aaagctgtta	ttttctaagc	agtagacaaa	ggtttacact	gacaatagct	gtggagatag	300
agaaaagctg	cnagatttca	gagttttcca	angtgtaaac	aactaaattt	tgtgatccaa	360
atgataaggg	ccatctaata	ngctggggaa	tgtgggatct	gncntggctg	anntgntgga	420
ttaactgaga	ttaacanagc	tggangaaat	gtaaaaagaa	aggcacgatt	gntcatttng	480
tcttttgttt	gttctgngga	accagggtcn	aaatttccat	tctgcatnan	gtncgntnag	540
tcnntttcaa	aacattctta	cttangcaag	tcctgtcnct	gaatcttnga	aagaaaggca	600
ccntnnctaa	tatttttgag	ttccctactg	nttaatcttc	cccaattaaa	acctcacgtt	660
ctcnaggttn	cccacaacat	ggcccttacg	gaangctngc	ttgtcncaac	ccaaaactct	720
cacattncct	taaacntttt	nccccatttg	gggcn			755

<210> 4974

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (755)

<223> n = A,T,C or G

<400> 4974

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gagagtggct	ggataaaaagg	atgtgtggga	aagaactgag	ttgaaattag	gagttagaat	120
tttattcttt	ggtactaagg	aatcattgaa	gatttttaaaa	ttagggctga	cataatcaga	180
tttgagtttg	ggaacctata	gtttgggact	ggaggaagac	aggtgccaga	caccagttaa	240
aaagctgtta	ttttctaagc	agtagacaaa	ggtttacact	gacaatagct	gtggagatag	300
agaaaagctg	cnagatttca	gagttttcca	angtgtaaac	aactaaattt	tgtgatccaa	360
atgataaggg	ccatctaata	ngctggggaa	tgtgggatct	gncntggctg	anntgntgga	420
ttaactgaga	ttaacanagc	tggangaaat	gtaaaaagaa	aggcacgatt	gntcatttng	480
tcttttgttt	gttctgngga	accagggtcn	aaatttccat	tctgcatnan	gtncgntnag	540
tcnntttcaa	aacattctta	cttangcaag	tcctgtcnct	gaatcttnga	aagaaaggca	600
ccntnnctaa	tatttttgag	ttccctactg	nttaatcttc	cccaattaaa	acctcacgtt	660
ctcnaggttn	cccacaacat	ggcccttacg	gaangctngc	ttgtcncaac	ccaaaactct	720
cacattncct	taaacntttt	nccccatttg	gggcn			755

<210> 4975

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (755)

<223> n = A,T,C or G

<400> 4975

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tttattcttt	ggtactaagg	aatcattgaa	gatttttaaaa	ttagggctga	cataatcaga	180
tttgagtttg	ggaacctata	gtttgggact	ggaggaagac	aggtgccaga	caccagttaa	240
aaagctgtta	ttttctaagc	agtagacaaa	ggtttacact	gacaatagct	gtggagatag	300

agaaaagctg	cnagatttca	gagttttcca	angtgtaaac	aactaaattt	tgtgatccaa	360
atgataaggg	ccatctaata	ngctggggaa	tgtgggatct	gncttggtg	anntgntgga	420
ttactgaga	ttacanagc	tggaagaaat	gtaaaaagaa	aggcacgatt	gntcatttng	480
tcttttggtt	gttctgngga	accagggtcn	aaatttccat	tctgcatnan	gtncgntnag	540
tccntttcaa	aacattctta	cttangcaag	tcctgtcnct	gaatcttnga	aagaaaggca	600
ccntnctaa	tatttttgag	ttccctactg	nttaatcttc	cccaattaaa	acctcacgtt	660
ctcnaggttn	cccacaacat	ggcccttacg	gaangctngc	ttgtcncaac	ccaaaactct	720
cacattnctt	taaacntttt	nccccatttg	gggcn			755

<210> 4976

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 4976

cntttctttt	tnnaacnttt	tgcctactcg	ctcnttttgc	aggntcccat	cgattcgctg	60
gttttgattg	gtcagattct	tttttcaacta	gcggcggttt	ttcttttatg	tcttggtata	120
aagaagtatc	tcattggacc	ctattatcgg	aagctgcaca	tggaagcaa	ggggaacaaa	180
gaaatcctga	tcttggaat	atctgccttt	atcttcttaa	tgtaacggt	caengagctg	240
ctggacgtct	ccatggagct	gggctgtttc	ctggctggag	cgtcgtctc	ctctcagggc	300
cccgtggtca	ccgaggagat	cgccacctcc	atcgaaccca	tccgcgactt	cctggccatc	360
gttttcttcg	cctccatagt	ttctctggcg	gcgctggctc	tgtctctcat	tctgccgagg	420
agcagcngt	acatnaagt	gatcgtctct	gcngggcttg	cccaggtcan	cgagttttcc	480
tttgtcctgn	ggagccnggc	gcgaagagcn	ggcntcatcc	tctcnggagg	tgtaccctnc	540
nttatacttg	antgtgacca	cgctnancct	cttgctcgcc	ccngtgctgt	nnaaaagctn	600
cnaatcccga	agtgtgtgcc	cngacccgaa	gaancngtgc	cancctttga	tggtctcnna	660
gatgattgga	cccntggaaa	ngggaacctc	ttcnngngga	actnaancgc	nttaaaatng	720
ccananaanc	ngctnctttt	ctcggnnaacc	nncnccccnc	n		761

<210> 4977

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 4977

cntttctttt	tnnaacnttt	tgcctactcg	ctcnttttgc	aggntcccat	cgattcgctg	60
gttttgattg	gtcagattct	tttttcaacta	gcggcggttt	ttcttttatg	tcttggtata	120
aagaagtatc	tcattggacc	ctattatcgg	aagctgcaca	tggaagcaa	ggggaacaaa	180
gaaatcctga	tcttggaat	atctgccttt	atcttcttaa	tgtaacggt	caengagctg	240
ctggacgtct	ccatggagct	gggctgtttc	ctggctggag	cgtcgtctc	ctctcagggc	300
cccgtggtca	ccgaggagat	cgccacctcc	atcgaaccca	tccgcgactt	cctggccatc	360
gttttcttcg	cctccatagt	ttctctggcg	gcgctggctc	tgtctctcat	tctgccgagg	420
agcagcngt	acatnaagt	gatcgtctct	gcngggcttg	cccaggtcan	cgagttttcc	480
tttgtcctgn	ggagccnggc	gcgaagagcn	ggcntcatcc	tctcnggagg	tgtaccctnc	540
nttatacttg	antgtgacca	cgctnancct	cttgctcgcc	ccngtgctgt	nnaaaagctn	600
cnaatcccga	agtgtgtgcc	cngacccgaa	gaancngtgc	cancctttga	tggtctcnna	660

gatgattgga cccntggaaa ngggaacctc ttcnngngnga actnaancgc nttaaaatng 720
ccananaanc ngctnccttt ctcggnaacc nncnccccnc n 761

<210> 4978

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 4978

cntttctttt	tnnaaccntt	tgcctactcg	ctcnttttgc	aggntcccat	cgattcgetg	60
gttttgattg	gtcagattct	tttttacta	gcggcggttt	ttcttttatg	tcttggtata	120
aagaagtatc	tcattggacc	ctattatcgg	aagctgcaca	tggaaagcaa	ggggaacaaa	180
gaaatcctga	tcttgggaat	atctgccttt	atcttcttaa	tgtaaacggg	cacngagctg	240
ctggacgtct	ccatggagct	gggctgtttc	ctggetggag	cgctcgtctc	ctctcagggc	300
cccgtggtca	cggaggagat	cgccacctcc	atcgaaccca	tccgcgactt	cctggccatc	360
gttttcttcg	cctccatagt	ttctctggcg	gcgctgggtc	tgtctctcat	tctgccgagg	420
agcagccngt	acatnaagt	gatcgtctct	gcngggcctg	cccaggtcan	cgagttttcc	480
tttgtcctgn	ggagccnggc	gcgaagagcn	ggcctcatcc	tctcnggagg	tgtaccctnc	540
nttatacttg	antgtgacca	cgctnancct	cttgctcgcc	ccngtgctgt	nnaaaagctn	600
cnaatcccga	agtgtgtgcc	cngacccgaa	gaancngtc	cancctttga	tggcttcnna	660
gatgattgga	cccntggaaa	ngggaacctc	ttcnngngnga	actnaancgc	nttaaaatng	720
ccananaanc	ngctnccttt	ctcggnaacc	nncnccccnc	n		761

<210> 4979

<211> 850

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(850)

<223> n = A,T,C or G

<400> 4979

ntcnttttgt	ttttcaancn	attngcctac	ttgttcnttt	tgcaggatcc	catcgattcg	60
ctgggttttg	ttgggtcagat	tcttttttca	ctageggcg	tttttctttt	atgtcttggt	120
ataaagaagt	atctcattgg	accctattat	cggagctgc	acatggaaag	caaggggaac	180
aaagaaatcc	tgatcttggg	aatatctgcc	tttatcttct	taatgttaac	ggtcacggag	240
ctgctggacg	tctccatgga	gctgggctgt	ttcctggctg	gagcgctcgt	ctcctctcag	300
ggccccgtgg	tcaccgagga	gatcgccacc	tccatcgaac	ccatccgcga	cttcctggcc	360
atcgttttct	tcgcctccat	agtttctcct	ggcggcgctg	gtcctgtctc	tattctgcc	420
gaggagcagc	cagtacatca	agnggatcgt	ctctgccggg	gcttgcccag	gtcagcgagt	480
nttncccttg	ccctggggag	cccgggcgcc	aantagcggg	cgatcatctc	cnggaagggtg	540
taccctcctt	atacctgagn	ngtgaccnc	gcctnaagcc	cttcttgcc	cgcccccccg	600
tncctttcgn	aananncttn	ncnatccnc	aagggttgtn	nttgcccccc	aanaacccccg	660
gnancanaan	ccgggtnccc	aancccnttc	ttnaannggc	ctttcgggcn	anattcnaaa	720
tggggcccc	ctcngnnaaa	ngggnnaaa	nccttcttnt	nnggnngaaa	tattgaaacc	780
nccttnaaaa	natgggnccc	nncnaccctc	gctccctttt	tntggggcaa	aacctnnngc	840
caccctnccg						850

<210> 4980

<211> 1523
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1523)
 <223> n = A,T,C or G

<400> 4980

gggggggngn	ngcgngngntn	ggggggggggg	gtntttcnnn	nnnnntggng	acaccccttt	60
ttttnggggg	ganaaaaacc	cnngnggagg	ngcgngnggg	ggctngnggg	gannnctggn	120
nnngnggggg	ngggggggcn	ggnttgaggn	ngngngngng	cncgngngng	ggcgngngnc	180
gngnggggng	ggnggggggt	nntttttttt	tngggnnncg	ngaggggggg	ancnaggcgg	240
nnnggggggg	ggggggggnt	ggngttgcnn	ggggngggagg	ggggngggag	gnngaagggg	300
aggnggcggg	gannggcggg	cagnggaggg	gggncgnggg	nggggtggcg	ggngggngcg	360
ggngngnggn	gccgnnttnn	gggnngcgcg	gcgncnggg	cgccggcggg	gangngcgcg	420
gncgtgngag	ggnagacggg	agncgnggca	nnagactggn	gtcngngngcn	gggcgggggcg	480
nagngagnag	gctcnatngg	ggggngggcg	ggngtgnggn	ggggncnnnc	aggnggggga	540
nnaggcgtn	ggcnggntcg	nnngngcggg	ggcgancggg	gagnttgngg	ngggggccag	600
gngngggngg	ggggncgggn	ggggngnatc	gcnnngcgnt	gacggngtgn	ncgggncggg	660
cngggcgcg	gngancncgg	gaggaacgnc	gcangggggg	cagtggtnng	gngccgangt	720
cngtgtnng	cgagngngng	gagagggagn	gnngntgggt	ggggncgagg	ggatggccga	780
nggtcngnng	gggggagngg	gngngngnng	nnagggcggn	tngnttggt	nnngggggcc	840
aggngcnggc	nnngcgnggn	agggngngnn	gggnaggcgg	gcntgggntg	gccaganagn	900
gnnctggggg	ggntagagng	cgngngnggg	gnnnntgngg	agacgggcng	agcgggcggg	960
nggcgggcgn	gngngngcgt	gnnagagcgn	gcggngcgcn	gtgngncng	gcgngcngnn	1020
gcagagngng	gacacagcnn	cggagngngg	tgnatgngga	gangagngng	nnnngtgggc	1080
nacggttagc	gggcngcgng	gagagngagg	tgncgntggg	ggagcnnctg	cgngctagag	1140
aggcngcggc	gnngngatag	gnggggngga	gcntgngngg	gannccgata	tagggagcgc	1200
gagtgggngg	nggtngacgn	gagggggngg	tgntnggaga	gngggngagc	cgngngcngn	1260
tgtagagagn	cagnggcgtg	ccngtggggc	anagggcgng	tgcnncngta	ganatggntg	1320
nnngcncgtg	gcgngcgagg	cnntaggnng	ngtgngngng	gangagcngg	tgtgggcngg	1380
cgcgnggggg	ggcgngcngag	tgacgntnng	cgcgatngnn	nggccnccgn	ngcgngcgca	1440
gangngangg	gngnggcnnn	cgcgngggaga	nnngnnaggna	cagggcgagg	gangcgangn	1500
gntgtgtggn	aggngcggnn	ggt				1523

<210> 4981
 <211> 757
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(757)
 <223> n = A,T,C or G

<400> 4981

tnntctcnn	tgnaaccctt	ttttetaaagn	ccctttttgca	ggatcccatc	gattcgggag	60
aactgctcac	tcctttttccc	tccccataca	aactcaaagt	cctttggggc	ccaattcaga	120
gttatgtttt	ttttggcaca	tactagaaag	gcagtgcctc	agcccttccc	tgaatccatg	180
gaggtgttct	gtttggggct	ttttagactg	ctgctgctca	gctggttgct	tgaactgaca	240
gtaggccagc	ctgttctctg	ccattcccta	gtcatcctgt	gcctcaccac	agcttgctta	300
gagcaagcct	tttctcagac	cttaggcaca	gcctctcctc	tttacctgat	caatgttaaa	360
tgtaagcacc	cctgatccca	ggacataagg	aaagatgccc	aattgtactt	ttgttctata	420
gcctgtgaaa	tggctagtgt	atcattttttc	cacaaagaat	taggtgttaa	gagtttttct	480

tcaggcttta	cttaggagaa	tggactaagc	tgaagggtga	cttcaccagc	aagagtcaac	540
tctagaattc	aggatgttcc	ttctattggn	ttcttagcca	tctgtcagga	aatgtaaact	600
ttgggtttat	tttttggttt	atnccaaagg	ggtaaanccn	gaanatagaa	aatggataat	660
tttctnattn	aatagcngaa	ncctttttca	atctccaaat	atataanggn	gccnctctn	720
ttnaaaagct	ctaagcctaa	agtcaagagc	taggant			757

<210> 4982
 <211> 728
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(728)
 <223> n = A,T,C or G

<400> 4982						
gaggntttga	agccnttttta	tagatacagg	ctacttggtc	tttttgcagg	atcccatcga	60
ttcgctctcc	cgggcttaga	aggcccggtc	actgacgcgc	agtgccagac	cttacccttc	120
acggncctta	agtctcggtc	gccctcgctc	cgcagcctgc	caccgcgcgt	cagctgcccg	180
cctcctcagc	cagccatgct	ggagcatctg	agctcgctgc	ccacgcagat	ggattacaag	240
ggccagaagc	tagctgaaca	gatgtttcan	ggaattatc	ttttttctgc	aatagttgga	300
tttatctacg	ggtacgtggc	tgaacagttc	gggtggactg	tctatatagt	tatggccgga	360
tttgcttttt	catgtttgct	gacacttctc	ccatggccca	tctatcgccg	gcctcctctc	420
aagtgggttac	ctgttcaaga	atcaaagcac	anacnacaag	aaaccanggg	aaagaaaaat	480
taagaggcat	gctaaaaata	attgaggttt	tcatgattca	gcacctgctt	ttgnttctgt	540
gagatgagct	aaatttgctt	tcatacccca	gataagagct	taaaaccac	ctaattgctc	600
tatggcacia	ctggggtata	gaatttaagt	tctctttata	cttcaattct	agcccaantt	660
gggttttgat	taatataagt	ngtttaaacc	ttntcttnat	aacttgctct	gaaatgggga	720
acaaaant						728

<210> 4983
 <211> 747
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(747)
 <223> n = A,T,C or G

<400> 4983						
ggnnnnnnnn	acgctatgct	ggctcttggt	ctttttgcag	gatccctcga	ttcgaattcg	60
gcacgagcta	ggatgacatc	tggtgtattg	actgtggcca	gtcttaaagc	tagtttttgc	120
tatgtggaac	atgctgctct	aattcagatt	taaagagttt	cttcctgtta	attcgaagct	180
cactgtgctc	cttggtttccg	agggagaag	gactgattaa	gtcatctaaa	tggatgcaat	240
actgaattac	aggtcagaag	atactgaaga	ttactacaca	ttactgggat	gtgatgaact	300
atcttcgggt	gaacaaatcc	tggcagaatt	taaagtcaga	gctctggaat	gtcaccacga	360
caagcctcct	gaaaacccca	aagctgtgga	gacttttcag	aaactgcaga	aggcaaagga	420
gattctgacc	aatgaagaga	gtcgagcccc	ctatgaccac	tggcgaagga	gccagatgtc	480
gatgccattc	cagcagtggg	aagctttgaa	tgactcagtg	aagacggtgg	gtttctcgct	540
gggtgcgacg	tgaatttgtg	aagctcanga	tgcccatgga	ttagactcat	gtagtagctt	600
aaagagtcac	taggcgatag	ganggagaaa	ccaagaagtt	agcagaatct	ggatataatt	660
cantgtccgt	aaatcccatg	aagagaagct	catcagaatt	aaggcaatgg	aatttgtgcc	720
caaaaaaaaa	aaaaaaaaaa	actcggn				747

<210> 4984
 <211> 1195
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1195)
 <223> n = A,T,C or G

<400> 4984

gggnnnnnnnn	nnnnnannnn	nannnnngnn	ngnnnnnnnn	nnnnncnnnn	anannancnn	60
nnnnnnnnna	ggngaggag	nangannnnn	ancnnttttna	ncccccnttt	ttnnctaaaa	120
aaagnaccct	tggggttaaa	ancnccccnt	tgnnccccnn	aacacgagaa	aaaagggggg	180
cnggggggng	gnnnnagnng	nannnccnnn	nnncnncnng	nncacnaggn	cnggagcnaa	240
gaagnnaacn	ttttntanca	ngnnaancnn	atnnncnna	nagcanccnc	gggggggaaan	300
cnggaagacc	ncnncnnngg	nnnaannana	nnancnanca	nnngngagca	aacannngana	360
nnnannnggc	nnaagcnaac	ncnnannnnna	nncccagnca	cgnnncnncn	gnnnnnnann	420
nannaccnac	ancnncnnng	acnnaagaan	nacgncaana	aacgnannna	cncnancnca	480
gnacnnagcn	nnanaacacc	canncanaac	caaaaaanann	ncnatngcnn	nnnnngnnann	540
nccnnnncaa	nnnnncnnnn	nccgcnnnnna	nancnnnncan	ncagnacacn	ncgcacancn	600
ancnccanna	gananngcc	aancnnaann	ncannaggnc	annnacntna	aggcanacan	660
acngnncagc	acnncnnnac	gangccnnag	nganccacac	anncgannnn	cnnnnnnnnac	720
gnaaananca	ngacgngcnn	ncangcgnac	anaaganana	acnnacganc	cnannnaaac	780
ancagcnanc	annannnnnn	anngcnnncn	nnngannncn	ngnncgacan	acanananna	840
nnngnngancc	cnnagacnan	ngacnaaaanc	annacganga	cangcgngca	ncnactcaan	900
nannagnacn	cccnanaacn	acnncnnaccn	ncgcngacac	naccaaanaa	nnaacancac	960
nannaacnga	naanacnacc	nccgcnnngn	ccganccnag	cncncnncag	ncnnaaccnn	1020
annaccannn	ncannncncc	cncgagccgn	ccngacanac	acncagaacc	nnnnnnacaac	1080
aanacncnca	tcannnnngn	cnnccacnan	ntncncacga	cnancgcana	cnncgacnna	1140
ncnnnngnant	nncagcgaca	gcgnanacnc	ntacnngnna	acnnncnnnc	gnccg	1195

<210> 4985
 <211> 735
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(735)
 <223> n = A,T,C or G

<400> 4985

gcaatgtgct	ctngtctttt	tgcaggatcc	ctcgattcga	attcggcacg	aggccttttg	60
tggggtctca	tacataactc	agtttccaca	aagctgtgcc	ccagctcagc	cctatggnta	120
gaagcatggt	ctgggggttc	tttgetgacc	agggtgtgtg	ctttgtccaa	gttactgacc	180
ttcccaaacc	tcataaatgc	acataaaaag	agcacttgca	aacaatgaat	ctagacatgg	240
accttcacaa	agaaataact	caaaatggat	cccaggccta	aatgaaaaat	gaaaaactat	300
aaaactccta	gaagataaca	taaaagaaga	tctagatgac	ctaggggttg	gcaatgactt	360
tttagatcca	gcaccaaagg	caggatccag	gaaagaaata	attgataagc	tggacttcat	420
taaaacgaaa	actttctgct	tgtgaaagat	gctgccaaaa	aatgaaaaga	caagccacag	480
actgggagaa	aatatttttg	atggaaatat	ctgagaagag	aggcttggtt	tccaaaatat	540
acaaagaatt	tctaaaactc	aataatttga	aaataaaca	cccaatttaa	aaagtgggcc	600
aaagatctta	aatgacgcct	taccaaagga	agatcccngg	atggcaaaat	aagcntatga	660
aaagatgctt	ccnggctggg	cacngtggct	nacgcccgtg	atnccancct	ttnggatgcc	720
aaggcaggca	gacn					735

<210> 4986
 <211> 1497
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1497)
 <223> n = A,T,C or G

<400> 4986

cnttcnmtt	cntgaacctt	ttttccnat	tccccnntna	tctcncgtaa	tncccnncan	60
ganttnnnc	ngcatccna	cttantntcn	tntgngngcn	cagaagntnc	gngacnnttt	120
tttngcccc	canactgcgn	gtttntanna	ngnnancgcc	nngtcngtnn	tnncnttgnc	180
nnnnnatatc	cannectnnc	tnnnntccct	ancgcacant	ntcncaatan	tnnaacgnnc	240
nantnacct	nccnatccac	ntcanagtaa	aatnctnnca	attncaancat	tagtgnnttc	300
nannacctnn	ccgtnnatat	ctgmnntcca	tccacaaagn	ccaatcnng	nacnncntn	360
tnantatn	ntagagnncn	ccnnntccca	tctatcgnt	nnnnnatnct	nggaccnnnn	420
tcccatncca	nnngtnann	cngantnntg	tgncacnnnt	gngnncngca	tctcaancat	480
catctcgtct	cttgacgatn	tncttantcg	gcgcattagg	ntcnatcgnn	tantnngntc	540
ancacctant	ntaatctcan	ttnatcann	tctacctatn	tcatatcngc	canacagtct	600
cnctctaaat	ncnncgcann	gcnatntat	caantcanna	nactentata	nctcacatnt	660
ctcnnngnnc	atntactctc	cnagctctgt	cattttnttc	atctntctct	ctgatacagc	720
cacntnggaa	aactagcnn	tactcacna	tagccnnatc	tatacgctcn	ctntcnnag	780
ngactcgata	natgctgctg	tgntcnntct	atagcnnncn	nctcattngc	atnananac	840
tcnntcgcgc	nactgttgct	ntcatcttgn	nncantacan	tgagaagtnt	tatatatagc	900
nacnananat	atagactcat	ctcactacnn	angacgcgan	gctanactnt	acttatanac	960
ctcacnattn	gncactntac	ttatactntc	ncntntntga	nacggetnca	gtatatcgcn	1020
gggntctcac	ttactntnng	cnctntnact	ntcctnngng	cnnnnaacag	tatntacact	1080
ctatnaatcn	canacgncna	ctgctccatt	ctggnccaan	ntctctctc	gcancnnnt	1140
nnnnntcgna	tnngcncgat	cattgcnncn	natngngtcn	ctctncanna	ctnctctctn	1200
gncngccanc	cacnnngnag	cntctcnnct	atnncgatcn	tnngncaactn	antaaacctc	1260
atcacatent	cntctctccn	cnctntnnan	atctaccctn	ntnttnaatg	cntnatgtna	1320
ctccacgant	atntcncact	ttatcnntnt	ccnctntatc	gnnncctctn	tancagtctc	1380
nacttatng	ctctnnngnc	cnacnnttna	gcctcncgcn	tnnatactcc	ntcncnatgt	1440
ccgntccncg	nagcnncata	ngngnntnnn	ntatentata	cgntncanan	tcgacnt	1497

<210> 4987
 <211> 769
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(769)
 <223> n = A,T,C or G

<400> 4987

tttctaaatg	gcttggnctt	ngttctttct	ncangatccc	atgcgattcg	aattcggcac	60
gagcccagag	aagagctttt	cagagaaagg	tacagacaag	aagctagaaa	gagtggagg	120
agcagcagtc	ttgcaaggaa	gcagggcaga	gacacagccc	atggcccctc	actgccctgc	180
tggaagggct	gatggagctc	cccgacatg	gttcctgcct	gggtgacaga	ggctcctgtg	240
gccactttag	aagtgcggtt	tactcctcat	gccgagatgg	accttgggca	gctcagttca	300
caagatgttg	gtcaggcgct	atttaaatat	tttcagtcag	cagaggaagc	aaagcgtgcc	360
attgaggctt	gtgctgtcag	cggatcctcg	gtctgtgtac	cgccggaagc	tttgccagga	420
ccgccttttc	tactttactg	tagacatagc	gcagtgcact	tgctgggttg	gtgatggctt	480

tgcagaggtg	ctgaggatca	agccggcttc	tgagcctgtt	catatgactg	gccctgtggg	540
gtccttggtg	tctctggggg	cttaaggagc	ctcctcatgt	ctttaangta	gcatcattga	600
tctttggatg	tggccttttg	atcttctgaa	caagctaatt	ttgtgtcaaa	gaaccaccac	660
tttgtgatct	catnggcttt	gattgatttg	ggcttggttc	aaatgggtat	ttgaaaaaac	720
gtntacnttt	aataaaactt	ancaaagaga	ttntaaaatc	ccganaaaaa		769

<210> 4988

<211> 795

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(795)

<223> n = A,T,C or G

<400> 4988

ttgtacntct	ttttnnaaac	ccntngctac	ttgttctctt	tgcanggatc	cctcgattcg	60
ggaatctcct	agaaagtgtg	gatttttcgag	ccatatacctt	ctgttggtaga	tcctaattgat	120
cctcagatgt	tggccttcaa	cccagggaaa	aagaactatg	atcgagtaat	gaaagcactg	180
gatagcataa	cttctatcag	agaaatgaca	caagcaccat	atctggaaat	caagaagcaa	240
atggataaac	aggaccccc	tgctcatccc	ttactgcaat	gggttatatc	aagtaataga	300
tcacatatgt	tgaaactgcc	agttaacagg	caattgaagt	ttatgcatac	tcacatcag	360
ttccttcttc	tcagcagtc	accagccaaa	gaatccaatt	ttagagctgc	taaaaaactc	420
tttggaaagca	cctttgcatt	tcattggctca	cacattgaaa	actggcactc	ctcctganga	480
atggctctgg	ngttgcttct	aatacacgat	tgagcgtnc	tgngcgaatg	tatggaagtg	540
gaatctatct	tagtccaatg	tcaagcctat	cattttgntt	actcagggat	gaaccangaa	600
acagaaaggt	ntcagcccag	gacgagccac	cttcaagcng	ttaanaagcc	agcaattaca	660
ttcacagtcn	ccaggaaana	aaaggncagn	cctatcccc	ctttncctgg	caaaaggccc	720
gtnaacctta	aanaaactgc	ctttagccct	ttatnntgga	aagtggattc	ncncttnatt	780
cttggaacccc	tgncn					795

<210> 4989

<211> 737

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(737)

<223> n = A,T,C or G

<400> 4989

ggaatngctt	ncnnnnngctc	ttgtgcnnnga	tcccntatnn	nnngcgccac	cgtgcctggc	60
tggacatgtc	aatttgaaat	gaatgggttaa	ncatccagct	agctgaaagc	atggcagacc	120
ctancagaaa	agctncagt	tggttntgca	gctatnaagn	gaatggnttc	ctgggggaaa	180
ttgtgacttt	gmntaactgt	tggtgaaacc	agaataaatt	atatttcact	tgcatatgca	240
taaattatta	aaattttcag	aagtcagtga	tacagaagta	ctatnttgca	atgtnaatct	300
gcttgagtct	ttggagaaag	tggtttcatt	gtangtacat	agngcactgn	taatatttta	360
aacaagtntt	tnactcttcc	atntaaggga	tagcatntcc	ttgtataaaa	tgactggatg	420
tgtataaagg	aattatgttg	tcattgtgct	ttaaccagct	ntantcatta	ctataatctg	480
atatttatga	tanttcnggn	nngtgacagg	accatatgaa	aatntcttat	gtcanencat	540
cactttagat	tntatnatta	tgncacattac	tggggnttta	ncctttgcta	atgtgaagcn	600
ttcttcctta	ntaagtctac	attaccttnt	gctcatttan	atcatatatc	acnataactt	660
tataantnat	ctnanaccnn	gcccttgcc	nttanacttt	cnnncgcnc	ttaccgtaga	720
tccngacatg	ataagaa					737

<210> 4990
 <211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (772)
 <223> n = A,T,C or G

<400> 4990

tttcttaant	gnntnggtnc	tcgttctttc	tncannangc	nentgcgntn	cgaattcggc	60
acgagccag	ccctagatac	tggcactact	gaggaggatc	gtttaaaaat	tgatgtaatt	120
gactgggttg	tatttgaccc	acgcagaggg	canaagcact	gaaacaaggc	aatgcaatta	180
tgagaaaatt	cttggcatca	aaaaagcacg	aagctgcaaa	agaagtattt	gtgaaaattc	240
ctcaggattc	tatagcagaa	atctataatc	agtgcgagga	acaaggaatg	gaaagtccac	300
ttctgtctga	agatgataat	gctatccgag	aacattttgtg	catcagagct	tatttggaag	360
cccatgaaac	ctttaatgag	tggtttaagc	atatgaattc	agttccacaa	aaacctgctt	420
tgatacctca	accaactttt	actgagaaa	tggctcatga	acacaaagaa	aagaaatatg	480
aaatggattt	tggatatttg	aaagggcatt	tggatgccct	aactgctgat	gtgaaggaga	540
aaatgtataa	cgtcttggtg	tttggtgatg	ganggtggat	ggtggatggt	agagaggatg	600
ccaaagaang	accattgaaa	agaacacatc	aaatggctct	acctgagaaa	gctttgtctg	660
cccatggtnn	gttttctggt	tcataccnat	attgccaant	actgggtcaat	ttcaggaatg	720
cctacagtta	ccantatggn	atcctntnag	cgccacanac	tggacctggt	nt	772

<210> 4991
 <211> 828
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (828)
 <223> n = A,T,C or G

<400> 4991

tctatccctt	netcaatecn	ttatccngnt	ctttgcagga	cccatcgatt	cgaattcggc	60
acgagaaagc	annaaaaaag	gaanncacan	gnttttntnc	ccaaagttgt	tttctagatn	120
tgtggctnta	anaaaaacaa	aacacaacaa	acacattggt	tttctcagaa	ccaggattct	180
ctgagaggtc	agagcatctc	gctgttnatt	tgntgttggt	ttaaaatatt	atgatttggc	240
tacagaccag	gcagggaaag	agacccggta	attggagggt	gagcctcggn	ggggggcang	300
acgccccggt	ttcggcacag	cccggtcact	cacggcctcg	ctctcgctt	accccggtc	360
ctgggctttg	atggtctggt	gccagtgcct	gtgcccactc	tgtgcctgct	gggangangc	420
ccaagctctc	tgggtggcgn	ccctgtgcac	ctggccaggg	gaaagccccg	nggtctgggg	480
cctcctccna	ctgcgcncac	tttgcaanaa	taaactctcn	cctgggggtt	nnctatcttt	540
ggnnctctna	ccctggtnaa	gaaacgccaa	ngtgggtccc	naaacgnctn	tncttgcaag	600
aacaaaagta	cccccttgc	acccttcctn	atgggcntca	acgaatntaa	gggaagggnc	660
cccccaaggc	cccccttct	ggngttngnc	cngntnaant	nntttgggnc	cngcnttttc	720
cnaaacntnt	ttatnngngt	nccaancccc	ttaangccan	ngtccccngn	ggggaacaac	780
caannggccc	ctcaagcccc	aanngcccc	ttncgggggg	ccccccnt		828

<210> 4992
 <211> 1499
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (1499)
 <223> n = A,T,C or G

<400> 4992

cancncanca	ccanacacac	antcncnctt	tttcactttt	tttttcecca	anaaaccgan	60
cncgtttccc	ccacngtctc	aaccncctac	acncngcgcn	anncgcnaca	cacccccgnc	120
aancancnnc	nctntcnaca	cncncaacta	cactncatac	actcncctacn	ctacncacnc	180
acatacaaca	acaccacaca	tcncnntaac	acacanacac	caccaccaaa	tcnnancccn	240
ccnannnnca	acannnccat	ncanacacnn	acaccacacn	ccancaccca	cctctnnncan	300
ccacacccct	atctccnca	cacnaccaca	ccaccccgca	aacnnncgcc	ccantcncan	360
tnccncncac	anacacacac	acancctcac	caccnacacc	canacacanc	ccccnacncn	420
caccacccac	cnnncncccc	nncncccaac	actacaccaa	cncncnnatc	aanccnacna	480
ccanccanac	cnnacccncc	cctcnacccc	ncaccnnanc	acctcacacc	cccacccanc	540
nccacnaccc	caanccaccc	cccacannnc	ttntnanana	acanccaatn	ccccaccccc	600
ncancannca	ccacnacacc	ccccccccct	aanccacncn	cacccccacc	cncacccct	660
anncnacnnc	cnccccacna	acaaccncac	cnacaccnca	cctccccccc	catctcntna	720
cncccccgcc	tcacccnaac	ccacatctnc	teccacanct	ccaacacncc	ncnanacacn	780
nnacacacna	caacaccctc	tctcncacnc	tacantcann	cacatacaca	nncatcantc	840
nctnntncnc	ccaactncnc	actaacctng	cancncacnc	tcncnctcct	caccantcgc	900
acnccacac	ccctacccat	actcncntcc	nntntacacc	atnancacac	cacacnntnc	960
accacnncn	acnncanccn	cnntacancn	cncancacca	cacctnacgc	acaccctnat	1020
ccacancacg	accacacncc	cctnccacaa	accacangac	cnnccctac	acatntacca	1080
cgnccctaaca	ccaacnnact	ctctaccacg	acaatcncct	ctcaaaacac	nnnatctnta	1140
tancanccca	ncacgtcaca	cncnctnnaa	caaccncaca	tccagtcac	atnaaccaca	1200
catncccanc	antncatctc	accnntacn	actcaetcca	ctacncnccc	tctccnacca	1260
cncncctcc	ctatncaaca	ctcancntcn	aacactnctc	ncccnctccc	cnccccacca	1320
cncntccngc	atcnncaaca	cccacctaca	ccancacnnc	accncccccc	ccnaccacaca	1380
catccccan	taccatcaac	aaacacataa	gcacnccact	cccaccanac	cacccnatat	1440
actntacncc	tctccccaca	cncncccccn	naccatctca	ccccctcnc	cncncncncn	1499

<210> 4993
 <211> 1576
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (1576)
 <223> n = A,T,C or G

<400> 4993

gncctccctc	ntcttncntt	tttggttttn	gtttttccna	atcncctttt	tengccacat	60
ttnttgnnnc	nggnatcccc	atncgnnttt	cggaatttcg	ngccaccgta	gtagtanggg	120
tnggggngtn	ctgggcccac	catnanggta	ntcctcntnn	tcgngntttc	ttggnctcta	180
nagggngtgt	acnnncactn	gtctnatggg	ccntacgcaa	ttctaatacng	ttcacnatgt	240
cancancatc	atgcnacnct	nnnntacttc	tgnaaaccta	cctctnccnn	ttcncaangc	300
cactggacnc	tcantcacct	netnnacnac	anngnntttc	cancncgncc	ttcttcattn	360
nnctccatnn	cactttnnnc	cncnctcaca	ntcntcccat	cnttntccca	nccactcnnc	420
cacancctnc	ntctaantct	tnatecanatn	tcactctcat	tcatnnttca	ccnactgtn	480
nancantccc	gncctctacat	gtentanccg	atnntcntnc	tncaactcat	ncannncctt	540
ngcgcttat	caaatactcn	tacnnactnt	taccctactn	ntnctntcan	cntctactnt	600
ccctctctc	cttctatctc	accatacacc	tctatcngan	cntnncatcn	ctatcnncta	660
tccanacnnc	tgtnactcgc	tnctactctc	ntntntttct	tcgcactaac	atanntcaat	720
cccancctc	ntacctgtca	ntccncagct	ctgatctctc	ncgtanaact	cctactctac	780

tacactntct	acnctntctn	tacgacacac	gncagctcac	tctccactac	tntcncctnc	840
acnctctccc	gagncntnct	ctccnnntcn	actactatct	nnaacgtcgc	ttactnacnn	900
tenctccana	ttnagttctc	canctgtann	catctcgctt	tnacactcan	cnnnccctna	960
ctcgnactct	canactctct	cngcncatc	tcacacaatt	ccgtnnctcn	ancanacacn	1020
acnatacgt	gcttcatnct	cntcaagtan	attncancat	natcncatn	tcttctatan	1080
ctattnnngan	ncatacncct	atcggcanc	cacactctat	nanctcnnta	cacacccagn	1140
gtcatacnc	ttctgcnagt	ntcnncntc	gacgcannnc	catctcanca	ctcananttc	1200
tcacngnacg	tacacncena	tctctcnng	ccnccannng	actcatnacc	tatctntcna	1260
netctncgnt	ctcnncctcn	tctctatcct	ctctacncct	tntctcttac	gctccnncnn	1320
tcacttaact	cntacnntca	cnnctctaca	tcttctcat	ctctctntct	atantcttta	1380
tcgntnnnta	ctnncaccag	cntctgctat	ccttgcttgn	actccnncnc	atcgaccncn	1440
ctctcatngn	tcacatctnt	cntctntnta	ctcgtcatca	ctctccnacn	ccnatatctc	1500
tnttatcctn	anancncnc	accgcagngc	accactcann	tcnnatnctn	ntannacnnt	1560
cccacntctg	accnct					1576

<210> 4994

<211> 796

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(796)

<223> n = A,T,C or G

<400> 4994

gnntnnnnnt	ttnnccctana	cngaattggtt	gggttaacgc	cctttcnna	ngnagncng	60
cgntnccgaat	tcggcacgag	gccaaatgcc	ggaattcaaa	acctggcttt	taaaaagaat	120
gnntttgaac	aaggcgaatt	atatttgaga	gaaaagtgtg	aaaattcaat	tgaatcccta	180
agattatttta	aaaatgatcc	tttggtcttc	aaacctggta	gtcagttttt	gtattcaact	240
tttggtctata	ccctactggc	agccatagta	gagagagctt	caggatgtaa	atatttgac	300
tatatgcaga	aaatattcca	tgacttggtat	atgctgacga	ctgtgcagga	agaaaacgag	360
ccagtgtattt	acaatagagc	aagatttttat	gtttacaata	aaaagaaacg	tcttgtcaac	420
acaccttacg	tggataactc	ctataaatgg	gctgggtggg	gatttctgtc	tacagtgggt	480
gaccttctga	aatttgaggaa	tgtaatgctt	tatggttacc	aagttgggct	gtttaagaac	540
tcaaatagaaa	atcttttacc	tggatacctc	aaaccagaac	aatgggttatg	atgtggaccc	600
cagtcacctaa	cacagagatg	tcttgggata	aagagggtaa	atatgcaatg	gcctgggggtg	660
tttggtggaa	aaagaaccaa	accgtatggg	ttcgtgtaga	aagcaaccgg	cattatgcct	720
tcacatactg	ggaagggccca	ntgggtgccca	gtagtgtccn	gctnggccct	tccttgaana	780
actggattcn	aaagnt					796

<210> 4995

<211> 815

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(815)

<223> n = A,T,C or G

<400> 4995

tnnncttttc	ctaattgcttt	cctaantggc	ntgggttctn	gttctttctn	caagtatccc	60
ntgcgntnctg	tataatctgg	gggtacagag	caaggaagaa	gtactttgac	tttgaggaga	120
ttctggcctt	tgtcaaccac	cactgggagc	tcctgcagct	tggcaagctc	accagcaccc	180
cagtgcacaga	tcgaggacca	catctcctca	acgctctgaa	cagttataaa	agccgggtcc	240

tctgcggcaa	ggagatcaag	aagaagaagt	gcatcttccg	cctgcgcac	cgcgccccac	300
ccaacccgcc	aggggaagctg	ctgcctgaca	aaggactgct	gccaaatgag	aacagcgcc	360
cctctgagct	gcgtaagaga	ggaaagagca	agcctgggtt	gttgctcac	gaattccagc	420
agcagaaaag	gcgagtttat	agaagaaaaa	gatcaaagt	tttgctggaa	gatgctattc	480
tccgagcttc	gcaatgccgc	taaggacnac	aagaagaaga	angacgctgg	aaagtgcggc	540
aagaaagaca	aaagacccag	tgaacaaatc	ccggggcaag	gccaaaaaga	agaagtggtc	600
caaaggcaaa	gttcggggaca	agctcaatac	ttaatctttg	tttgacaaag	ctccctatga	660
taactctgt	aanggaagtt	cccaactttt	aaaccttata	accccanct	tgtggnccctc	720
ttgagaagac	ttggaaagat	tccnagggtt	cccttggggc	agggggccagc	ccctttaagg	780
agcttccttt	aattaaagga	ccttattcaa	aaccg			815

<210> 4996

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (753)

<223> n = A,T,C or G

<400> 4996

tnnnncnttg	acggatcttn	gcagnactna	acggcaantt	ccctcttttt	gcaggatccc	60
atcgattcga	attcggcacg	aggagtaagg	gcaggggcct	aanaaacagn	ttttgttggg	120
tcttgaggca	aaaaaagaag	aaaatcttgc	tgattggtat	tctcagggtca	tcacaaagtc	180
agaaatgatt	gaataccatg	acataagtgg	ctgttatatt	cttcgtccct	gggcctatgc	240
catttgggaa	gccatcaagg	acttttttga	tgctgagatc	aagaaacttg	gtgttgaaaa	300
ctgctacttc	cccattgttg	tgtctcaaag	tgcatagag	aaagagaaga	ctcatgntgc	360
tgactttgcc	ccanagggtg	cttgggntac	nagatctggc	aaaaccgagc	tggcanaacc	420
aattgccatt	cgctcacta	gtgaaacagt	aatgtatcct	gcatatgcaa	aatgggtaca	480
gtcacacaga	gacctgccc	tcaagctcaa	ncagtgggtg	aatgtggngc	cgttgggaat	540
caagcatcct	cagnctttcc	tacgtactcg	ggaatttctt	tggcaggaag	ggcacanngc	600
ttttgctacc	atggaaaagc	aacggaaaag	gcttgcanat	cttgacttaa	atgctcagga	660
tatgaagaac	tccggcaatn	cngnngtnaa	ggaagaagac	ggaaangaaa	aattcaggan	720
gagacttnca	ctccatagaa	gctttattct	gcc			753

<210> 4997

<211> 711

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (711)

<223> n = A,T,C or G

<400> 4997

tggtttanat	cnngetcttg	ttctttttgc	aggatccctc	gnttcgaaaa	attttatgga	60
cttctatgga	tatttcttga	tgcttagaga	tttggttttt	taattgcaaa	tgtgaattgt	120
ctattttaca	atgctattac	atatggagcg	ggcctgtggg	gtatggcact	attccttgga	180
ctaattggtac	ccaggttcca	ttctctgctc	agctcgggtg	ctctagacaa	agccctaaa	240
atgctgtctg	cttcagtctc	cttaattggtg	aagtggaaag	gaatacctac	tgtcacttaa	300
ctcatggaga	tgctggactg	ataattagat	catgtaagag	cacttttgagc	tgtattgaaa	360
aatatgttgt	ctcaaattaa	gtagagtcta	tggtttttgt	aatataaata	tattgccaga	420
aaatacatca	ctgggggagc	aaaacatgta	gaccaaatat	aacagggatt	agtaacatca	480
gtaaacatag	ttgggaaaag	atggcactaa	agaaagccaa	gaagaaagtg	ttgctcttgt	540

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aaaccaaann aaaaaaaaaa aaactcgagc ctctagacta tagtgagtcg tattacgtag      600
atccagacat gataagatnc attgatgagt ttggacaaac cacacctaga aatgcatgaa      660
aaaaaatgct ttattnggga aatttgggat gctatngctt tatttgnacc c              711

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<210> 4998
<211> 786
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(786)
<223> n = A,T,C or G

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<400> 4998
ngntttannt attnnenttg cgctttgnga acttccngca nganttccgcg attcgctgaa      60
atgtcanaca cggccaccta ggccagcattt acaagcaaga nttttctgct nttttgatgt      120
atatcttaag cgccccagtg gaatgaacag catataactc cacataaaaa tcattaaatg      180
taattgactt ccagagcagg cagntctgtt gtatgcctct ggagaaggct ggctgaattg      240
gaattggnet gtaccttctg cctatcatgt acatgaggct tttgggcaaa gagaactttc      300
cacaaaataa gtccaaaaat tatagatcat cagacaacca ataacatatt gatgagatat      360
ctccaagatc tagaancgtc ctgggtgtca aggaagtent ttgggggtttt tacaaatatt      420
gataatgcac tttctataaa atgcactttt tataaaaatg catgctcant tgagacaact      480
tgaaaaacac naagaaaagg cccgggccgt agtgggtcac gcctgggnatc ccagcantct      540
gggaggccna aacgggggtgg atnaccgaag gtcangagaa ntgagaccat cctggcnaac      600
atggngaaaa cccccagact ctactnaaaa aatacataaa aattancang gtgtangntg      660
ncggggcgcc natnagnccc antctactna aggaggcctg aagcaggaag aatgggggtgg      720
acccnnggaa nacngaacct tgcantnaac cggnnatccc gncactggna cctatagnct      780
gggnggg

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<210> 4999
<211> 1251
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(1251)
<223> n = A,T,C or G

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<400> 4999
acgagggggc tnccectttt ttttngnaaa aaaaaacccc ccntttttttt ggggggggna      60
aagnttgggg gggctttttc cnaaaaaancn cccnttttgg gcanaaaaaa nnncccnnc      120
nnaccennna ccannnnnca nannnnngggg gcncncncgn nncnacancn cggccacnan      180
cnnanancng gngtggntca cannannacg gnngggggnt cncanccac nnngggtnct      240
ctatcncggg gngcgggggg ccncnggggn nncgngnatc accntggggg ggnncncncac      300
ccgggggggn ncncnngcn gngccacca taggggggnc anaatggngg ccccnncnnc      360
nncacancca aggnngcaca cntanccenn annacaccnc ccacacctnc tncnanaacc      420
nannnacana ncnnncnacc naacncnacc cancanccac ccccaccnnc ncncncaccc      480
acnacncaac cctccancn accncccnan aacaaannnc ccccnacant cnnncccnnc      540
nnnaacnnc ncnnccnnc aanccccatt nnaccnanac ncncanncha ctaanacnct      600
nnccacnnna canaaaactnt nnacncancc acncnacccc cccncaaccc ccccccaac      660
nanacnncnc tccccatac cacaacacnt nccanctnac cctnaaaacn anancaaaca      720
tanaaancca cncaccnca acccaccaac acnnctaann ccaccaacan aaaccnccac      780
cacanacnac cncataccan cnnnacacna tcaccnnacn acaccanacc cntactncac      840
cnntcnatct cnnnncatnc nctancacna cacnnnaacc tcacacacnn cataccccan      900

```

```

cannacacan tctatacanc ninctcaacna ccncacatc ctattactnn acancacncc      960
natnctcnaa ncnncncaca anacncnacc aacacncaac catctcacat ctncacncna      1020
acnacancan tctcncccaa cacaaatcnn cncncaacnc tcncanacn tacancatac      1080
acacnnacta caacgcncca cccnctctc ncaacacnca cnntcatnna cncacntccn      1140
anacnctnnc acaactaaca tnccacnana acacacnana nacacaccca nnnacaccann      1200
acaccnaacc ntcacaccac nactactnnc aanctnnncn cacatnnncn c              1251

```

<210> 5000

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(787)

<223> n = A,T,C or G

<400> 5000

```

gnttttctta ggnatnnctt tggcaacttnc tcttttttgca ggatcccatc gattcgaatt      60
cggcacgagt cgagtttttt tttttttttt ttcacttttt aatacacttc aatgggttttt      120
aatatattca cagttgtaca actatcacta gacaaaatat tttatctgt atgaagtgt      180
gtgtgtatca tggggccaag tcaggggaag acaggagttt accaggggaa gaaatgcatt      240
ccagggaaag agaacaaatg tgcaaaaaga cggaattctg aaatgacctc gcatttgcatt      300
aatatgaaac tgcaggggga ggtaggctag agtttatagt gaggaacaa ttgggctagt      360
ttacaaatga ggaatctgaa gctcaaatac atgaagtaac tggcataagg caattatctt      420
atgctaactc aagaaaaggt gtctaaggca ggggtcccca accttgggtgc catggactgg      480
gtactgtggc ctgttaggaa cccggctaca cagcaggagg tgaggagcag gcaagcatta      540
ctgcctgagc tccacctnct gtcanatcaa ccggnggcat caaattctca tcggaacttg      600
aacccttatt tttgaactgc ncattgttan ggatagggtt cattgtctcc ttatgagaaa      660
tetaacctaa tggcccgat gaatttgang gggaaaaaaa atttcaatcc ttgnaaccac      720
ccccccnaac cttgtttggn gggaaaaaaa nagnctttcc nntnnaaacc cggncacctg      780
gggncct                                           787

```

<210> 5001

<211> 900

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(900)

<223> n = A,T,C or G

<400> 5001

```

nggntctttt gnaatttcta acacctgctc tttctaattnn ttggaatccc tcgattcgaa      60
ttcggcacga gnaanaacn gctctggaga aggccacgac annncanaga nntcaagtna      120
gaaanccacc agnctaactn naggattnag nancctnnnn ancgnntna ggnncaatga      180
ggctgacctt gaggtctctg gnagggaaca cttgncggca cnnagctctt gtgcgtncn      240
ggtcactttg ntentatcca ttctctgaca cccagttnn nattaancac ccnanntnag      300
antntctgcn nggtgcengg cnnnttntta cnnangccct tetnctntnt tcnnccannat      360
ccnccnnttt cctnatent ttggntcgga tananntttn ctngnaance nttngntttt      420
ctttanacan tnattctnna ncccaaaatt tgcttttttn gtcttcttgn attttctnct      480
naattgccct ttcnatctcc tttnatnttn atccntttt ntttttccct ngcnttttnc      540
ttcatacngt ntccctttt nttntgcn atnttncaat nggncctac ttttateccn      600
ttmngggtt ttttgctcnc ttntttttt tcttccnant tcttccctta tttctcnacc      660
ctntataacn tacntnatct ttctctaaat tncccnntt tcttctnttn ttntccctnt      720

```

ttttttgtcc	ancntacata	cttcnntnnt	tttngganc	tcnnccatt	tntntcngnn	780
tcaatctatc	tatcccnntn	tncnnttnt	ncnttncnnt	ntcnnttcta	tntntnttct	840
nttattmncn	tntnctntta	gttnttcttt	tacntactan	ncnttttcnn	tttntnnncg	900

<210> 5002
 <211> 734
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(734)
 <223> n = A,T,C or G

<400> 5002						
gtnnctaaat	ggcnggcctg	ctcgttntctt	tctcgcagga	ncnncnncan	tcgaattcgg	60
cacgaggcgg	nnccggtccng	tacatggctc	tgtntgtcac	aannnnacgc	nntgnntgcc	120
cgttcncnat	acnatagtgn	ngctntgtcc	aaatcntgga	ctctgccctc	natgaacttg	180
tgctatccag	atgaccnngc	tacatcactg	nttgctncnn	gtactngcan	nnnncacgna	240
atgtggant	gnatgganac	gntgaacctt	ttcnactat	ngccctntct	tntgnaatca	300
nnataaccct	gtttggnaact	nttntngggc	tntctattct	ggctgnggtn	tgctnctacac	360
tgaccaangg	gcctgtgctg	tanantatgc	annntnntnc	agngntnctt	ngtnactntn	420
ntaaggcnna	tttnatntga	nantnatgca	cnattngccc	agtgagcnc	nagttcagng	480
nncgcannat	ggngancgcn	gtgcttancc	nagntctgtg	nnaggctatg	cccatntcaa	540
ggcntgcatg	gaactatgat	ggnnncannn	nattcnangc	ngtgtgncng	aatgagatcc	600
tngcacaagg	atatcatnnc	tncagtnatg	gctgtncaac	tctggantct	angcatgttc	660
cgannntgan	gganancagat	tnantgngac	cctgactggt	gcnnngnanc	ngnacattga	720
aaaccngccg	ctgc					734

<210> 5003
 <211> 934
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(934)
 <223> n = A,T,C or G

<400> 5003						
nggnnnnttt	naaaattctt	natatacngc	tacttttcaa	atnnttggat	cccatcgatt	60
cgctggcgg	aaggctggaa	agggactccg	gaaaggccaa	gacaaaggcg	gtttcccgc	120
cgagagagc	cggcttgca	ttcccagtg	gccgtattca	tcgacaccta	aaatctagga	180
cgaccagtca	tggacgtgtg	ggcgcgactg	ccgctgtgta	cagcgcagcc	atcctggagt	240
acctcaccgc	agaggtactt	gaactggcag	gaaatgcata	aaaagactta	aaggtaaagc	300
gtattacccc	tcgtcacttg	caacttgcta	ttcgtggaga	tgaanaattg	ggttctctta	360
ttaaagggtt	cnattgctgg	tgggtggggg	catttncac	atttcccnaa	tnttttgaat	420
tggggaanaa	aaggnccccc	cnaaanantt	gtcttaaaag	gattccctgg	gatttccctg	480
ggtatcttca	aggacttctt	naaatacctc	tttaacaagc	ttgtncctaa	tgggttgggt	540
ggaattncca	nttgggacct	tgggtattctt	cttgggtgna	aaaaaccacc	aaatttttgg	600
cccttttttt	gggnaaattc	cttaattttg	gaagccnaaa	tttggggaaa	agntttttaa	660
atttaagnnc	tttttcccaa	acccaaaacc	cnaaaatttt	cttggccant	ttccnaagtt	720
cntttaaanc	cntttntttt	naaaaaatng	ttnaccttgg	gggggctttt	cnaaaaggaa	780
aagccttntt	tggaaantct	tggaaaaant	aattgggggg	ttttttggaa	tttggaaatt	840
ttggacctgg	gntttttttna	aaaaaaacct	gggttttngg	aattttttaa	attggnggaa	900
ttncncnaaa	agtttnttng	gtnaanccaa	accn			934

<210> 5004
 <211> 757
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(757)
 <223> n = A,T,C or G

<400> 5004

ttnnnnnnn	cagcttcnng	ttctttttgc	aggatcccat	cgattcgaat	tcggcacgag	60
ncnngatggn	nntgaatgnc	angnntatnn	cagatgagac	aagnganaca	atttgtgtccn	120
tgtantctnt	nnggngncnt	ngntgcnggn	gaaacatnaa	ctatngggcan	gntaactgna	180
cancntagac	ccanngatnc	nangncaggn	cantantggg	aaccnccant	nanggnntntt	240
ttnnctatgn	tcacagcnnn	cacangtnna	gnctgangnn	tnananngac	nnangagana	300
nnncatttta	atngntnatg	ngaaagangg	nnaanattgn	ccnagagntt	agctcttnac	360
antactntag	tcntgcaagg	agtagccgtg	ngccngatca	gngaangact	gagnnctcan	420
anctaccnng	cncnactgn	atgnngactn	gcatgntnan	cnaanntaac	ctgngagccn	480
ncgngcnnag	cctntttgtg	agaagncnan	tcngtnntnc	acntgccenn	agntagecgt	540
ttngnntna	cngacaacac	caactgggnt	ggtggcctnt	gtcnganttn	gaananangc	600
nntnacntgc	nngetcntta	ntgaaggatt	ggatactgan	anntacactc	cngacntttg	660
cnaaaatgga	aaannantgg	tctctnggan	ggnaactntt	nnacngngan	ctgttctant	720
aaaatannac	gtggatgaaa	agcttactgg	ncacngt			757

<210> 5005
 <211> 757
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(757)
 <223> n = A,T,C or G

<400> 5005

ttnnnnnnn	cagcttcnng	ttctttttgc	aggatcccat	cgattcgaat	tcggcacgag	60
ncnngatggn	nntgaatgnc	angnntatnn	cagatgagac	aagnganaca	atttgtgtccn	120
tgtantctnt	nnggngncnt	ngntgcnggn	gaaacatnaa	ctatngggcan	gntaactgna	180
cancntagac	ccanngatnc	nangncaggn	cantantggg	aaccnccant	nanggnntntt	240
ttnnctatgn	tcacagcnnn	cacangtnna	gnctgangnn	tnananngac	nnangagana	300
nnncatttta	atngntnatg	ngaaagangg	nnaanattgn	ccnagagntt	agctcttnac	360
antactntag	tcntgcaagg	agtagccgtg	ngccngatca	gngaangact	gagnnctcan	420
anctaccnng	cncnactgn	atgnngactn	gcatgntnan	cnaanntaac	ctgngagccn	480
ncgngcnnag	cctntttgtg	agaagncnan	tcngtnntnc	acntgccenn	agntagecgt	540
ttngnntna	cngacaacac	caactgggnt	ggtggcctnt	gtcnganttn	gaananangc	600
nntnacntgc	nngetcntta	ntgaaggatt	ggatactgan	anntacactc	cngacntttg	660
cnaaaatgga	aaannantgg	tctctnggan	ggnaactntt	nnacngngan	ctgttctant	720
aaaatannac	gtggatgaaa	agcttactgg	ncacngt			757

<210> 5006
 <211> 779
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (779)
 <223> n = A,T,C or G

<400> 5006

nttngaaatt	ccatatagna	ntgaacggga	antcccccttt	ntgcaggcag	cccatcgatn	60
cgaattcggc	acgagaagan	gtttgattct	ttagataacn	cttttnangt	gctataaagg	120
gcctagttta	aaaggaactt	cttttgaaaa	gcaattaaca	gttgataaag	ggttaataaa	180
aaattatcta	gtaaggaatt	tcttattgga	atgtaaactg	ggttctaatt	ttaaatagac	240
agtgatataa	agaataaaaa	gtaaacagtg	aaattgagtt	ctccagggaa	aaggcagacc	300
tgtttagtaa	aaaaaggatg	cttttttcag	tgatgtcttt	ttttgagtgc	atatgtgtgt	360
gactcttgaa	gaaatccatg	ttcagattta	tcagatgatt	gaagtgggtg	ttctgaataa	420
agaaactgtg	gaggcctgag	gcagtgaccg	tatcaggaaa	catattttat	tggagatttg	480
gaagctatag	taaaacataa	tggcaataag	ccaacttccc	agtggtaaac	ccacagnngt	540
ggnttagttc	taacctcttg	atgaccgagg	aggntaataa	ttggatattg	cagagcagca	600
aatatgtaac	cngngngtaa	tctcanggcc	ncangntaan	cagnttccag	ncagaagccn	660
tagaagaaac	ccctgaccaa	aatttagctt	accccgacc	tangctgccc	gentatgnng	720
gncnggggtt	cntcnggggt	taaaagaaac	ctaataactg	nccacaanac	cnttgaccg	779

<210> 5007
 <211> 820
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (820)
 <223> n = A,T,C or G

<400> 5007

ctgnnnccng	ccgatccang	tagaactcat	gggaactccc	gcagganccc	agggngncga	60
acngngnncg	aggnaccgcg	agagaagggn	gggtttaact	acacactttt	naacctgtgt	120
taacanaagt	attatatang	nacagtttca	tacaggaatt	acctcaaaag	ggagtctnat	180
gangagcaac	tacagatagn	tgcaagggat	catacagaag	atatcgatga	taggtgaaan	240
atgcttagaa	ggggtgtgaa	tgtctagcng	ngacnaccat	gtgtatgtat	ccttgacaag	300
cagtataaaa	taccngtgan	gtnttcttta	cattacggga	taangcataa	ggaatcaatc	360
nccatatana	ctatcanccc	taatgnagca	aggggaagta	tntaattgcc	catgatattg	420
annttactna	tactatgccca	gagaggaaac	tataaagtaa	ttacacangt	aaacttgggt	480
ntttcacana	cgnaggtatt	cattnngagt	acggtgaaga	agaaaaanga	atatacnaat	540
gaactgaanc	cngatgggan	agtatcaaca	agtntntaaa	agcccaggat	tctaaaaaac	600
aataaagggg	cacgggcant	ttttggagtn	ngnacancct	tatgccnant	ggcnaanaat	660
nccaaaaatn	aaaagcggna	accattgggg	aacccgggt	ggaccntaaa	nggcnaacnta	720
aatnggggaa	ccagcnantn	gangaatgan	ggaaccaaaag	gggggttagg	caaataagcc	780
aaaaccccca	anaaaanant	nnngggncca	aaahnncccg			820

<210> 5008
 <211> 752
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (752)
 <223> n = A,T,C or G

<400> 5008

```

agagnnnnnnn ttttattctt tgnnctctaa nagcttggct actngttctt tttgcaggat      60
cccatgcatg tccaattcgg caccaggcca ccttctaagc aagtgatggc ctggctgggt      120
cagtaccctt tgcaccctgc tttttaaatc ttattctgca cactttttca tatctattca      180
tatgattaga catcatcatt ttaatggctt catggcattc ctttttatgg gtatattata      240
aagagactaa tacagaatta tgttccttac aatacatgat ttttaaagtt ttaaaagcta      300
actgggggta catgccctca ggacaagaca cataaacaca ttttgtngac aaaaaaanaaa      360
aannaaaaaa aactcgagcc tctagaacta tagtgagtcg tattacgtag atccagacnt      420
gataagatac attgatgagt ttggacaaac cacaactaga atgcagtga aaaaatgctt      480
tatttgtgaa atttgtgatg ctatngcttt atttgtaacc attataagct gcaataaaca      540
agttaacaac aacaattgca ttcattttat gttncaggtt cangggggagg tgtgggagggt      600
tttttaattc gcggccgagg cgccaatgca ttgggccccg gtcccacttt tgggtcccttt      660
agtganggtt aattgcncct ttggcgtaac atggncatag ctgnttctctg tggggaaaat      720
ggtatccgnt cacaaattcc acaacatacg ag                                752

```

<210> 5009

<211> 809

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(809)

<223> n = A,T,C or G

<400> 5009

```

tttnnaannn ncagcgttnc cncnttncn ctncgtgaaa ccctttggca annccccccn      60
nnnngcagga tcccatcgat tccaattcgg caccagattc tctcaataat ggccagccga      120
aatttcncgc tgcaggcat ctgcctccgc ggggtcatta aactcccaca gtggtcaccc      180
cactgctgat gtacagactt tccaggcaaa gcgccatatt catcaacacc gncagtctta      240
ctgtaattat aacactggag gtcagttaga gggcaatgca gccacttcct atcanaagca      300
gactgacaaa cccagccact gtagccagtt tgtgacacct ccgcggtatga ggagacagtt      360
ctcagcacc c aatctcaaag ctggctcgaga aaccacagtg tanaatcaag tnactggaca      420
aacttgaaat catggtggaa gaaacagaca gngttagctc atgatngat ttggtntctac      480
ctttggcctt gagttcttat tatttacatt ataaanatta actggttnta tattgntaag      540
acaaaacact ggtaaaagtn gcaacacctc cctnntgctt gtataccata aatgggcagn      600
ctctggaaat tnatggataa agcatcaaag aaactgcnnn ngtgctgaaa acgtttctnn      660
ctttnttttag ngcctnaatt taagatactt tactttacnc ccncntngna atctgggngng      720
cangnntctc ttttanggnn tggnaaaana ncggncctcg cccctnntaa acttnnagnn      780
gngtngggat taccgcnaaa cccengacc                                809

```

<210> 5010

<211> 707

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(707)

<223> n = A,T,C or G

<400> 5010

```

cnaatgctgg tngctngttc tttttgcagg atcccatcga ttcggggcta gcctgcacgc      60
acgccaagat ggagctccag gctagccac agaacagccc agccgcagcc gtcctaccag      120
accagcacct tgtaaccaca gtctaaccac gggggcacca ggcggtgaga cctcctgccg      180
ctgccagccc aggatagccc ccttgccctc tggccaaggc tcaggctacc ccttgaggcg      240
tctggaggac actaggcttg acctggggag tggcatgatg gggggcaggg tccgaggcaa      300

```


cggagaaggc	agaagtgact	tagattgtga	gtgccacggg	gctgaggcct	gcgccgacct	360
ggctctgctg	tgctaccagg	cttgaacagt	cttcaaattcc	actgctatta	ggcaaattac	420
ctggctcccc	ctgaactcca	gcacctagaa	ctatgtcaca	ctcgtagtag	gccgctgcat	480
tggttgaaca	aatgattttg	aaagaatgaa	tgtcttcctc	tgtgcctgca	tttcctcaga	540
aggctgtaac	aaagattaaa	taggaaaatt	cgtggaaaagt	tcaaaaaaaaa	aaannnnnct	600
aanantcatn	nnannnnang	agnntnaaaa	aaaaaaaaact	cgagcctnta	aanctntagg	660
gagncgtatt	acgtanatcc	agacatgata	ngatncattg	atgagtt		707

<210> 5011

<211> 666

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(666)

<223> n = A,T,C or G

<400> 5011

atgtgntaac	acacataggc	tcaangtaaa	gggggtggcga	aagatctgtt	atgcagatgg	60
aaaaaaagat	cagggggtcac	tattcttgta	tcagataaaa	cagacttttt	aatcaacaa	120
cagtagaaaa	aggactaggg	cattacataa	tgaagaaggg	ttcaattcaa	caagatttat	180
cctatacaca	cccaagattg	gagcactcag	atttctaaaa	ctattatttc	tagacctagg	240
aaaagaatta	aacggccaca	taataatagt	gggggacttc	aacacctcac	tgacagtgtt	300
agatagatca	tcaaggcaga	aaactaacia	attctgaact	taaattnaac	agttgactaa	360
ttgaacctaa	tagacatcta	cagaataact	caccaccaa	caacagaaca	tacttttttc	420
tcattgtgnc	atagaaaata	ctctaagatt	gccacatgct	ttgtcccaa	gcaaattctca	480
gttaantcaa	aaaaagattg	aatcatacc	cangcttttc	agactcctcc	atagtaaaaa	540
attggaaatt	caacaccaag	agnaaactnt	caaaaacatg	ggaaacttaa	acaacttgct	600
cctggatgac	cttttggggg	aattgttaaa	atanggcata	catnaacccc	ttnttgaaac	660
aaatgg						666

<210> 5012

<211> 802

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(802)

<223> n = A,T,C or G

<400> 5012

ttcgtntttc	cngtagaact	tnngcaaaa	tcccgtnanc	gcangagccn	atagcatccg	60
ggnccgntga	acnaactaga	ctacgngcg	ngcnggectg	tttnaaanan	tggccagnnc	120
ttcttnagnc	ngtagctcaa	aacctgtgag	natcanacat	canaaatgng	ngaaanntan	180
agccnntnga	anacaacatn	ngngacaacc	nacnanacaa	nactatgggg	ancagcttnt	240
ccatgtgang	catagccang	atccataacg	anaangaaac	cngaaccng	gncnntcnca	300
anatgnaana	cncntgcnnt	gctgcaatgc	cngcaaaagn	cgatgaaana	acngggctac	360
atacngcgag	gaaggactat	gcaactgctn	ggcaggacta	ntgactnnaa	nctngatct	420
nnnnggnact	nagaacngaa	nnctnnaaag	gnngacagnc	caanttnaaa	acngnnaaan	480
gnacngcntt	cgacaacaag	gntatncnga	tntcatctga	acacnggaag	ggaaacnnan	540
aaccttanac	gagnatnngg	atngaannng	gacnntanta	nnaacgcacc	ctttaagaac	600
agcttganc	cacncnngaa	ccngccatnt	ttaacccag	ccttgggcac	caccaggcaa	660
cgacaccagt	ctancaaaagn	ctnangcnnn	naananaatna	gcncccagcc	cngaaacgct	720
gnggcnngga	atatncaagg	aaaccagaac	tcttaaaaacg	gtttcccnagn	nggggaattt	780

taaaaaagg gccaaccct cc

802

<210> 5013

<211> 874

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (874)

<223> n = A,T,C or G

<400> 5013

agcggtttt	taaaccctta	tnntatncnc	tnngaaacna	aatcgcncta	aaaggggngg	60
gggcgcgagc	centnnccac	cccattncca	aangaggnt	cantggggtn	nggccngca	120
ccattatccn	nnccattcg	naccnntaaa	ncgtctctac	aantacaana	ncatgacctc	180
cncnctatct	ntctnctacn	cttctnana	cantattnan	tccacttgat	tttttttttc	240
ttaanactan	ttatattact	gctnctcggn	gnctgcntac	cnttnccatg	ctaaggctgg	300
nacancagnc	ctgngnncna	taccgtgnaa	tcnccagga	nancnanccc	ctnngnancg	360
gaggnccegc	annnccccnn	atgcnnatag	antagttcna	nggactnnag	ntncnatcaa	420
caactnnctn	gnggngcagn	ccnctnncc	ttnnegacng	cccntnanct	acgggganct	480
gnatnatncn	ctntntcata	tgnaatccnn	tnntnnctcg	gtntggngca	caaacgannn	540
nntactagga	antcttctcn	natagnccnt	aanannacaa	ngaaggggat	taananctta	600
nncccttngg	ctccanggna	gaacancnc	ataccnntn	gggntttngn	ntaanaantg	660
tcctnannng	gggnantaac	taangnnacc	cctantnct	ntcgatccc	cctanaagaa	720
ntttctctnt	atctttctct	ccaagtacag	ancnctagn	naaaggntcc	catntctatg	780
ngnccntncn	tttganacnc	tnnctgngng	accactttg	nctnngaang	gncatnccat	840
ntnaanctta	accatnngnt	tattgnnctc	gccc			874

<210> 5014

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (782)

<223> n = A,T,C or G

<400> 5014

agttcatcct	ttcnaatngc	ttggctactt	gttctttttg	caggatccca	tcgattcgaa	60
ttcggcacga	ggtttttttt	tttttttttt	ttatagggat	cactttttatt	tcaaacaatt	120
aaatacaaac	caatatttta	ccccttcata	gatgaaatca	catcttttca	ggatatgagt	180
ataaagtaac	aagcctaggg	cagagcttgt	actgacaaag	tcctgaaact	acaatgagag	240
gaaacacatt	gctctacttc	gggataagtc	atgaccgaga	ctcaatttca	gagacgctct	300
atgaacagag	gtgcttgaag	ccacagtggc	agaagggaaa	gatggggaag	tgtgccgaag	360
agcctccagg	catgacagac	agtcccctga	ccaagcacia	gtaacaggcc	ctttgggtct	420
ctgcttctca	ctggaaaatg	atgaagccta	natctgatga	ctcctagtgc	caacatttaa	480
caaagtctga	aagttatgca	ggacttcaca	catgtacgga	atggctgtat	cacagaatat	540
tatgccgtta	gaaagttcac	ggncactatt	acctagcttc	taaaattttt	cagaagaaac	600
agcagactta	ttaagtggaa	tcttaaatta	aagggattan	catttttaatg	gaaataaatg	660
gaaaccagag	caggggaacc	caaagagccc	anttagggga	aagaatcctg	aaaaaagtnt	720
ggnttttacac	cangnancag	cntttgaaag	aaaaacccct	nttggatttt	tttccanaa	780
na						782

<210> 5015

<211> 785
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(785)
 <223> n = A,T,C or G

<400> 5015
 gccccccnnn nnnnnnnnttt tcaaaannccn tttnnnnnnnn nngnnnnnttt tannnnnttn 60
 ttannnnaca gctcttggttc tttttgcagg atccctcgat tcgattcggc acgagctacc 120
 ttgggctggc cctctatnat gctntgaggg gagctgggac agatgatcnt nccctcntca 180
 gngtcatggn tnccangngt gagnttnatc tgccnnacat ngtgacggag tttaggaaga 240
 atgntgccnc ctctntttat tccatgatta aggganatcc atnnggggac tataagaaaa 300
 gcnnnttttnc tgctntgngg ncaanangan tnacnngncc cgggnnanag ctctatgct 360
 gtntgcctgc accacccctt gccttccttc atacctttcc ntggatatgn atgccagggc 420
 ttncacatt gcctnattna tactnacntg ctnatgacca anacatncac gtgataacac 480
 aaacantggg tgcttgnttc tgatcnctag agngancntn ttggnnngnt ggagnactna 540
 antnttctna gtgtnacttn agttcaatgc ctggccatnt gcnatnacct tatatcntnc 600
 aaagaggcta ctgtgctttt ancctttttt aaaacctcca tctgtattac attgnaaacc 660
 angtttcttt aatnaggagc ttgacctcta nantgggaac tcttgggaat ggncttagtg 720
 aagttcgca ctaacttaac ctgaaaatta tnatgnnctg ttnacctat catgttnata 780
 actnt 785

<210> 5016
 <211> 785
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(785)
 <223> n = A,T,C or G

<400> 5016
 gccccccnnn nnnnnnnnttt tcaaaannccn tttnnnnnnnn nngnnnnnttt tannnnnttn 60
 ttannnnaca gctcttggttc tttttgcagg atccctcgat tcgattcggc acgagctacc 120
 ttgggctggc cctctatnat gctntgaggg gagctgggac agatgatcnt nccctcntca 180
 gngtcatggn tnccangngt gagnttnatc tgccnnacat ngtgacggag tttaggaaga 240
 atgntgccnc ctctntttat tccatgatta aggganatcc atnnggggac tataagaaaa 300
 gcnnnttttnc tgctntgngg ncaanangan tnacnngncc cgggnnanag ctctatgct 360
 gtntgcctgc accacccctt gccttccttc atacctttcc ntggatatgn atgccagggc 420
 ttncacatt gcctnattna tactnacntg ctnatgacca anacatncac gtgataacac 480
 aaacantggg tgcttgnttc tgatcnctag agngancntn ttggnnngnt ggagnactna 540
 antnttctna gtgtnacttn agttcaatgc ctggccatnt gcnatnacct tatatcntnc 600
 aaagaggcta ctgtgctttt ancctttttt aaaacctcca tctgtattac attgnaaacc 660
 angtttcttt aatnaggagc ttgacctcta nantgggaac tcttgggaat ggncttagtg 720
 aagttcgca ctaacttaac ctgaaaatta tnatgnnctg ttnacctat catgttnata 780
 actnt 785

<210> 5017
 <211> 1425
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1425)
 <223> n = A,T,C or G

<400> 5017

cntnttaaaa	aaatattgaa	ggcctntggt	gggaaccctt	tnggggggnac	ccttgganca	60
tttttgggng	nncccnctt	naaaacnate	aagaaaaata	atgggnggggt	cttttnnggg	120
ggnnncncnn	nnncannnan	ccnatnnann	nnnnnnanntc	nnnnnnnnnn	atntnacata	180
nanccncc	aanancnca	ccncttnncn	tnncnncctc	nnnnnnnnnt	nnacnncnac	240
ntnnnaannc	acnannnnna	ntnnnnncna	ccnnatnccn	atnccnncnn	ncannnanc	300
ancnancnn	tnntanannn	nnnatncccc	nnnnntnta	nnctctctta	ctccatncna	360
cntncccnac	cnntccatct	naaacnannc	nnantnanct	ncnannntc	ncnncaaann	420
naatnnnnn	cctccacaca	cantnnancc	tctacnnant	ccacnccann	ccnncntca	480
nccccnaca	anncnntcc	nacnncnnct	cannacttta	acannacnaa	ccncccatn	540
accanaccnc	ccccannct	ncnccntnac	tnncnancan	cannnnncnc	ccnactnnnc	600
ncnactcna	acccannann	tnntatnct	cnccnnnnann	nnnncaaanc	nannnacncc	660
ncnnctcat	ccannntnnc	cncnnanann	tctnnnnnc	ctcaccannc	acncccnncn	720
acanactatc	tctatacnca	ccnccntnnn	nnnnnnnnnn	nnccanncna	nacanncnnc	780
actccntnn	tannnaaccc	cnnncacnnn	ntnccntnn	accanacnnc	cncnnnnaca	840
ntantaccna	ncnnnccnac	nanancnnc	nnntcncnn	nnnnntntat	cnantnctct	900
nnctnnatnn	cnctctctna	nnnnnnccn	aacnnnncc	ccnncanctn	atacnantnn	960
nnactnannn	ncatnancan	anannnnct	atannacaca	cnntanacta	cnctacnntn	1020
cannnactnt	cncnannanc	tnncanncan	nacnnnnnc	nnnnntcann	cnnnnanctc	1080
nctcancann	ancnctnnan	ntncanannn	tacnnnnct	nnnnanant	cactcncnan	1140
nnatcactcn	cnnnnnctn	nnnccannnn	nnncnnncnc	anactcnnnta	cnntatactn	1200
ctnccctctn	tnnnantct	ancnnnnctn	tcnctntct	netcantcnn	cnccactct	1260
atacnnctn	atntnnncan	tnnnannnn	ctcctctncc	ctcncactnc	ntccacancn	1320
cncacntcnn	nataccnncn	cnatccatc	nacacnctca	ctctncacnc	acnctntcna	1380
ctactantnc	tctnaacta	canaccanc	ncnntnncc	ancct		1425

<210> 5018
 <211> 794
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(794)
 <223> n = A,T,C or G

<400> 5018

ggccccnnnn	nttttttttt	ttaaaaannnc	cccctttaan	aacnnggaaa	aaaaaccnnc	60
cttttttttg	ggccctnaac	ctttnggcn	ttcctttttt	tttgggccc	gggggnaatc	120
ccccnatcc	ccggnatttt	cccggaaaat	ttncggggg	ccaaccggaa	ggcccagggg	180
ggaaacctgg	aatgggaagg	gggtnccttt	taaacaaaa	aaaaactntt	gttgggtngg	240
gnccannnn	nnnananana	nanannnnnn	nnaaaaatcc	cttaaaaaaa	accaaaaacc	300
aaaaccanaa	aaaaaaaaaac	caaatttctt	tcatttccan	aaaaaaaaatt	attctttang	360
gggacctgga	atattgggta	aattatgggt	caaatntaaa	taatattttg	gggcattcct	420
tacattgctt	gcaagataaa	atgctgtgcc	aaaatttgat	tttatttgga	gacttcttat	480
caaaagtatg	tgcaaaggaa	gctaggatag	agtgtccatc	cttggtgagt	gnttctaaaa	540
tnntttctga	tgcatatttt	acttggtggg	gagagatgnc	cagctcctct	gtcttgaata	600
acttattgct	tgtnccctaa	ctttgtagaa	tggttttcgg	aaaatagaaa	tctntatagt	660
nagataatga	taatgttctt	atttatattga	ctgcaatgca	ataaaatctt	tgntaaaaaa	720
aaaaaaactc	gccctaactt	agtgagcgtc	nanancgctg	aagacattgt	gagtggcacc	780
cactgatgng	gaan					794

<210> 5019
 <211> 957
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (957)
 <223> n = A,T,C or G

<400> 5019

gtnattctan	tnnancnctt	tcacnnaccn	ggtacccccc	ccgggtggaa	aatcgatggg	60
cccgcgccn	ctctagaagn	cntnngtgng	tcacangntt	ntccccctat	ggcctcacia	120
agtgcnnna	ttatacgcg	naatccantg	ngnntggcct	anagtnnnag	tanncatgat	180
ttnnngcnn	ttnnngtcct	ggnttcctaaa	ngnagnggac	ctagctgntn	atcaattntt	240
ntgagctaaa	ctgnntagnt	ccannnccctn	ntgatantct	ccntnnanna	tcgagggtatn	300
actagattaa	ctnggnaacn	nacanggatc	anatncaactn	ataatanacn	nnatnaatna	360
nntcnacact	natecnncctt	tngctnnata	tntgnanaaa	caannnactg	aaaacntnta	420
ttntttaaag	nnntnecgct	tnatgactca	gttnccnaaa	gctntatnnn	tattntgntg	480
tgtnnatatc	caanctnncn	nccnnnnctn	tgtttgtnnt	gctcntnncn	gtttcaaana	540
gaataanaaa	nctnntnnnt	nnctaagana	nacattcntn	agctnactat	ncnntactcn	600
atnatnattn	tatgccaaana	ntgtagccnt	ccnnatntat	nnctaaaaaa	ttnacgncta	660
tatannacng	naccttnnca	tanccggntn	taanncnggt	ntngatctcn	catnatntcc	720
tataaanngt	gtntatacgt	tnactcccaa	tcttnccnta	cgtgaaaacc	nttntttctc	780
attnaatnaa	aaacgggtgc	taaaaanncg	aanntnaccc	ttgctgctct	tcacgnaat	840
ntatacnnta	tentatcgna	tnttanncat	agaatncntc	tcttaaagng	cngncaatna	900
cnnacntnc	gncttatgnt	gntngattcc	ccctctntca	naanncccna	aaanncc	957

<210> 5020
 <211> 808
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (808)
 <223> n = A,T,C or G

<400> 5020

gtnttccttt	caaatangetn	ggctacttgt	tctttttgca	ggatcccatc	gattcgngta	60
gccgaccngc	tgctgtnncn	ggtgcttgnt	acgaacgttg	ccacnannct	gagantngtn	120
acnctaganc	tgnaaacntn	atngttnnct	gcctgnatna	ccnagnaggc	tnnnataactn	180
aagatngcaa	tnctgannaa	ncctgcntna	tgtnccnnng	tctctnanta	ccagannntt	240
gannnnntac	tggnttatta	gatggctatt	atctctaaat	tenggatgcc	tacctggctt	300
ataacctnaa	ngaattnact	ggagnactcn	tntatgatnt	tctgcccacc	tgtgatnnta	360
cccatgaaca	cgctntggat	actgngaaat	atcgatnta	ntgccatcct	gcttnatgga	420
cntntnactn	agantaagcg	cntaagannc	nttaataagt	ttaaggccan	ngccnnntnn	480
attcttctag	naactgncat	tgccaangcn	aggtcaggac	atacctnatg	tagatgatgg	540
atgggtcaact	aatgacatnc	ctgacccatt	ccangngatc	accntccatt	ngaattgggt	600
cctagccang	atttgaagct	tgggcgctta	cggganaang	ncncttactn	tttggttaan	660
acaagttttg	annggttggg	naanttttta	acaaacgccca	tttggaacac	ttttaattgg	720
gngaataaaa	cttcccccg	gtnttgggaa	aacnccgatt	gntgaaaggg	taatgaatgg	780
gtnnctgga	acggnggtaa	ntttggaa				808

<210> 5021
 <211> 788

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(788)
<223> n = A,T,C or G

<400> 5021

cttaannaat	ncnttatcgc	ttggctactc	gttctttctg	caggatccca	tgcgattcga	60
attcggcagc	aggtactntg	agtgtttggg	ggttnnnac	acacatgcaa	ttntgcttaa	120
caaaagtatt	ntataatata	gnttcataca	gaattacctt	aaaagggagt	cttatgtttt	180
caactacaga	tagttgtaag	ggatcataca	gaagatattg	atgatagttg	aaatattctt	240
agaaggggtg	tgtatgtcta	gctgtgtcta	ccatgtgtat	gtattcttga	cnagcagtat	300
aaaatacctg	tgatttttct	ttacattagg	gataatgcat	aaggaattaa	tcttcatata	360
tattatcatc	cctaattgtag	catggggaag	tatttaattg	cccatgatat	gtattttact	420
tatactatgc	catanaggaa	actataaagt	gattacacat	gtaatcttgg	gtttttcaca	480
tatgtaggta	ttcattttga	gcaagggtga	aagaacanaa	naaatattta	aatgaattga	540
attcctgatg	ggatagtatc	aataagtatt	taaaanccna	gtattctnaa	aatattcagg	600
ggtangggtc	atTTTTgagt	ttgggnTTTc	ttttnCGaat	gggtaaatat	ttcaaaattt	660
aaanggggta	caattgggtn	ncctgtnggn	cctnaaaggc	cttttatttg	gggnaaccag	720
ccnttnngaa	tnnatngaac	caaggggggt	ttagccaatt	gccaaactcc	tataanttga	780
ttttngcc						788

<210> 5022
<211> 704
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(704)
<223> n = A,T,C or G

<400> 5022

gnnctaating	nnggctatcg	aactnccgna	nanaacngnc	ntncgaattc	ggcacgagag	60
gttgctcacc	tgaaggagca	caggaggggt	ttccaggcca	tgtggctcag	cttctcctcaag	120
cacaagctgc	ccctcagcct	ctacaagaag	gtgctgctga	ttgtgcatga	cgccatcctg	180
ccgcagctgg	cgcagcccac	gctcatgatc	gacttcctca	cccgcgcctg	cgacctcggg	240
ggggccctca	gcctcttggc	cttgaacggg	ctgttcatct	tgattcacaa	acacaacctg	300
gagtaccttg	acttctaccg	gaagctctac	ggcctcttgg	acccctctgt	ctttcacgtc	360
aagtaccgcg	cccgtttctt	ccacctgggt	gacctcttcc	tgctctcttc	ccacctcccc	420
gcctacctgg	tgccgcgctt	cgccaagcgg	ctggcccgcc	tgccctgac	ggctccccct	480
gaggccctgc	tcatggtcct	gcctttcctc	tgtaacctgc	tgcgcgggca	ccctgcctgc	540
cgggtcctcg	tgcaccgtcc	acacggccct	gagttggacg	ccgaccctta	cgaccttga	600
gaggaggacc	cagcccagag	ccgggccttg	gaaaagctcc	cttgtgggag	cttcaggccc	660
ttcagcgcca	ctaccacct	gaggtgtcca	aaagcccgca	gcgn		704

<210> 5023
<211> 729
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(729)

<223> n = A,T,C or G

<400> 5023

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gnnnnnnnnn nntttgttnc taatngcngg gtggctcgnn ctttcncgca nnagcnnngc      60
ngtgtcgaat tccgcacgag atttcaattc atagcaaact ggtgttttaa actattgcag      120
tagctggaac ttttttagtgt aaccagcatt tattggagaa gtgaatcaca aggaaataaa      180
gatgagtaaa agcaaagatg atgctcctca cgaactggag agccagttta tcttacgtct      240
gcctccagaa tatgcctcta ctgtgagaag ggcagtacag tctggtcacg tcaacctcaa      300
ggacagactg acaattgagt tacatcctga tgggctgcat ggaatcgtca gaggggaccg      360
tggtccattg gcctcaaaat tagtagacct gccctgtgtt atggaaagct tgaaaaccat      420
tgataaaaaa acttttttaca agacagctga tatctgtcag atgcttgat ccacagttga      480
tgggtgatctc tatcctcctg tggaggagcc agttgctagc actgatccta aagcaagcaa      540
gaaaaaggat aaggacaaag agaaaaagtt tatctggaac cacggaatta ctctgcctct      600
aaagaatgtc aggaagagaa ggttccggaa gacagcaaag aagaaatata ttgaatctcc      660
agatgttgaa aaagaagtga aacgattgct gagtacagat gctgaagctg ttagtactcg      720
gtgggaaan                                     729

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<210> 5024

<211> 706

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(706)

<223> n = A,T,C or G

<400> 5024

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gtnnctaant gnnggctant cgttctttcc gcagganccc ntcgantega attcggcacg      60
agctctatct tgtttattgt tgatgccatc ttagaggaaa aaatgtaaag gtaagtaatt      120
aagcatatga cagcaacaaa taagatactt ataacctaat gggactttat tttgtagttt      180
tatgtattac aaaaaatcca cctttctcta aggggaagtt tgtaccccat tgattcttgg      240
tgcccttggg atcgactggg ttttaatggc ctagttatct gaggattttg ctgtgttggt      300
ttccatgtct tctctggtca ccttggatta tatataaaaa tacaggaaat agataaacat      360
gaatgtgatt aataatgctg aaaaagtatt agcctaccaa agacacactc aggccttagt      420
gaataacttt acataacctc agtttttaac acatgcatac cttctccaac catgaaatca      480
aagcacgggt cagaacttgt accaagtaca aaaggtccat gtatgattag cattattttc      540
ttttgctttt gtttatggac aatgttcagc tgacataagc agaagttggc caaaatactg      600
cctgtactgt taatttcctg tataattcac ttaaataaaa gcaggttaac ctcaatgata      660
gcagttaaaa tgttctatct tatgtatttc ttttaagtat taccaa                                     706

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<210> 5025

<211> 706

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(706)

<223> n = A,T,C or G

<400> 5025

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gtnnctaant gnnggctant cgttctttcc gcagganccc ntcgantega attcggcacg      60
agctctatct tgtttattgt tgatgccatc ttagaggaaa aaatgtaaag gtaagtaatt      120
aagcatatga cagcaacaaa taagatactt ataacctaat gggactttat tttgtagttt      180
tatgtattac aaaaaatcca cctttctcta aggggaagtt tgtaccccat tgattcttgg      240

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tgcctttggg	atcgactggg	ttttaatggc	ctagttattt	gaggattttg	ctgtgttgtt	300
ttccatgtct	tctctgggca	ccttggatta	tatataaaaa	tacaggaaat	agataaacat	360
gaatgtgatt	aataatgctg	aaaaagtatt	agcctaccaa	agacacactc	aggctttagt	420
gaataacttt	acataacctc	agtttttaac	acatgcatac	cttctccaac	catgaaatca	480
aagcacgggtg	cagaacttgt	accaagtaca	aaagggtccat	gtatgattag	cattattttc	540
ttttgctttt	gtttatggac	aatgttcagc	tgacataagc	agaagttggc	caaataactg	600
cctgtactgt	taatttcctg	tataattcac	ttaaataaaa	gcagggttaac	ctcaatgata	660
gcagttaaaa	tggtctatct	tatgtatttc	ttttaagtat	taccaa		706

<210> 5026

<211> 968

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (968)

<223> n = A,T,C or G

<400> 5026

gtaccaatgc	tttgctactn	gttcttttgc	caggatccca	tcgattcgaa	ttcgggcacga	60
ggcggacacc	aagtctggac	cacctcccgc	tgcgtttnc	actcanagaa	acatcnnggg	120
cggngttaan	acacggnatn	acnggaagca	nganncnng	cancagcna	gnntggggtc	180
ctggcnctgc	nngctangcc	aggatgncca	tcccnccctt	tanactgtcc	cttgnggcct	240
gtgctnntna	aantggtnnc	ngtnagcnct	gccngnttnc	cntattatnc	ccacnctnng	300
cttctnaatn	ctttatgntc	cntntnana	naccttnc	tactgtancc	catcttnc	360
tnaatnntt	ttcanggatc	tntnatattn	tnttncaaan	tcnncnatan	tnantnatta	420
ngtntnngan	ttncattcat	attaanttnn	antncattnn	nctngttnan	nntnttctt	480
tctnnnnngn	ttncnnnttc	ttataatnng	taatttantt	nnctnntatc	tactnttan	540
ttctttcaat	cttnaattnt	ntttacatnn	nctnctcatc	cgntnttacc	nntntcattn	600
ttactctac	ctttctcntt	ctgtnttaac	ttactnatna	tcncttccng	ttntttatat	660
ntnattcnct	ctnctcataa	ancatctnt	nctctcnena	ttcttgactt	tcnctctccn	720
tctcttatat	ctctcgtctc	ctcncaatat	ntctctatcc	tctntcnttt	cacattctta	780
ttntncnate	nttcggnnntn	tctncttntt	ctctcntaca	cnttctanac	ttctatnant	840
cttcaatcat	nncnctntnn	nntcnacatc	ttacnnnnng	tgcttnttan	anntttannt	900
acatanenta	ntcctcta	ctatatntca	tannactcta	ttgcttntnt	tctcnnaatc	960
acacnanc						968

<210> 5027

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (782)

<223> n = A,T,C or G

<400> 5027

gnnnntttnn	nnttttttgg	gtcttncgct	tgttcttnt	gcaggatccc	atcgattcga	60
attcggcacg	agggatcact	tgagcccagg	agtttaagtc	tgtattactg	gaaagggggtc	120
ccaatccaga	tcccaaacia	gggttcttag	atctcacaca	agaaataatt	cagggagcgt	180
ctataaagtg	aaagtaagtt	tactaagaaa	gtagaagaat	aaaaaatggc	tactccacag	240
gcagagcagc	tccttggggc	tgctgggttg	cccatTTTTA	tggnatatttc	ttgattatgt	300
gctgaagaag	gggtgggtta	ttcatacctt	ccctttttaa	aatcatatag	ggtaccttnc	360
tggcattgcc	atggcatttg	taaactgtca	cgggtgcttg	gtgaaaagtc	nacanttgag	420


```

ggccaaccca aggncaactct nattggccat ctttggggtt tgggtgggatt cttaccnngn      480
ttnttttact gcaagctggt tttatcatca aggnctttat ganctgnatc ttgggctgan      540
ctccgatctc aatctgncat cttaaaacgn ctnactgtct nggatngtaa cccaatagg      600
tctnaaacct tantttaccc caacttctat ttcaagatgg aatttgctct tgggttcaaa      660
atgcctntt gacaagcanc cagtnaacct nttcancata ccacttgga ntttcaancc      720
tggggtggac aaaaaccaat taccctntt tttaaaaaaa aaaaaaannn nnnnnnaaan      780
na

```

<210> 5028

<211> 806

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(806)

<223> n = A,T,C or G

<400> 5028

```

gnnnttnnnn tttttaangg ctttggcttg tcntcttagg atcccatcga ttcgaattcg      60
gcacgagtga acttgttcat tttgttttgn ttgggaggaa aataaacaat tttacttttt      120
tccttttagga gcattatgag cattatgtca gaatagaata gaattggggg tcatcttaa      180
caggccagaa atgcctgggt ttttttggtt tgtttttggt tttgtttttt tatcaaattc      240
tgcctgactg tctgcttggt ttgcctacca tctgacatc tncatggctg tccaccttgt      300
cgggtagctt atcagactga tgttgactgg tgaatctcat gggacaccaa tcnaanggct      360
gctgacattt tgggatcttt cantntganc attcanatcc aagggtctcan ttaaaccattc      420
ccngcatcat tgnttataat cngaaaactct gggccttctg tctggngggc ttaaaagctt      480
ttggggccata atgcaacaat tattgaagga ggattttatt ggagaaatgg gggataggcc      540
ttcatggacc cccaatttaa ttaaaggaaa aactnaactg cantgggggg gttttgnaaa      600
aagggtattt antaccttct ttaaacnaat tccttttttt tttcanggga ccttttttct      660
agcctggnat tgnaccgggt aacnnttga accctttctt tttggaaaaa aaccattttt      720
cccnaaaaaa agggcccccct aattttttta aaaatgggaa ttttaaccntt tttaancccn      780
aacnnttaaa antttttttt ttttnn

```

<210> 5029

<211> 716

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(716)

<223> n = A,T,C or G

<400> 5029

```

tgntnttcta atgctggnnn ctcttggtct ttttgcagga tcccatcgat tcgaattcgg      60
cacgaggggac tcagagcctg ggaaggaggc cgctatgcag gtagcactg ggaacaggag      120
accacctga ggctcagccc tagccctcag ccacactggg gagtttacta cctggggacc      180
ccccttgccc atgcctccag ctacaaaaa attcaattgc tttttttttt ggtccaaaat      240
aaaacctcag ctagctctgc caatgtcaaa aaaaaaaaaa aaaaaaaact cgaggcctct      300
agaactatag tgagtcgtat tacgtagatc cagacatgat aagatacatt gatgagtttg      360
gacaaaccac aactagaatg cagtgaaaaa aatgctttat ttgtgaaatt tgtgatgcta      420
ttgctttatt tgtaaccatt ataagctgca ataaacaagt taacaacaac aattgcattc      480
attttatggt tcagggttcag ggggaggtgt gggaggtttt ttaattcgcg gccgcggcgc      540
caatgcattg ggcccggtag ccagcttttg ttcccttttag tgagggttaa ttgcgcgctt      600
ggcgtaatca tgggtcatagc tgtttcctgt gtgaaattgg tatccgtcac aattccacac      660

```

aacatacgag ccgggagcat aaagtgtaaa gcttgggggtg cctaagtagt gancta 716

<210> 5030

<211> 1206

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1206)

<223> n = A,T,C or G

<400> 5030

nggggncgat	ttttcnaaaa	aatntccccc	ggngaacggg	gncaccttgg	gggncancnc	60
cangaaccnn	ttttgcnaaa	aacccenttt	ggcncnaana	nnaccnngn	nnancgcnc	120
accnacnca	anccmncnc	acnccanngg	ganccnanac	accgcncntc	nnntntaccn	180
actanacnc	ncntaaacna	cacnaancng	cacnnacanc	accacccgta	tggttaaccnn	240
nccangcacg	agcacancac	mncnaanagc	ncgccactaa	cggggcgggg	cnacncgata	300
canannnacc	nagnaancnn	acaacanacn	ctacacnaga	cnaacaancn	nccagntncn	360
aanccgccag	acnccccann	tcangnacaa	cncccnccac	accacccaga	nnagaccacn	420
tccccnnnca	ccaccnnaac	nannnaaaen	accctncatc	angaaccncc	caannncnnc	480
cnacncaccc	nacnncccc	cannccacng	ncnancnaa	nagacacca	ccccacacc	540
ctnncncna	anaaacntn	acaccaccan	ancacaacaa	naaccntncn	ccannacncn	600
nanannnnnc	cacacnnccc	nancccnctn	nccaanccac	accnncnnc	nccnacncna	660
ancacncccn	anctncactc	nacancanca	cnanccccaa	tancacacca	nccaccacca	720
aannccactc	acacncanac	tatacagcng	acnnnaanca	cctcanance	nnncnccnnc	780
cnacnnccctc	ncnccaccca	nancnacaga	ctcanctncc	agcannccac	nnccgcccnc	840
tnnctcnmnn	acancacnca	tnagcancec	ncancgmnca	caccncacca	ccnnacance	900
aatnccacc	cacatccnnc	cncnccctct	atancaancn	cccaanccga	ccgactncan	960
ctngctcacg	canacatcnc	gncgcncntn	cnacactanc	nacnncnacc	tnactctnac	1020
natcgcancc	atcgntccnc	ncnnancaca	nnnnnannng	annatncnnc	cctccacata	1080
ccactacanc	atnacngcnn	ccnnnatcnn	nacatcnacg	ccaancncca	cacgaaccnc	1140
acgntaacc	atcacgacna	ccccaccacg	acnnngctaan	cgacnacnct	atccaagcnc	1200
tnccgc						1206

<210> 5031

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 5031

gagnnngnnn	ttnnngnnagn	nnnnnnngnn	nnnttnnaaag	ncagctcttg	ttctttttgc	60
aggatcccat	cgattcgcga	gttttttttt	tttttttttt	tatatatact	gcaattttat	120
ttcaatcgca	caaacgaagt	tagcatgtag	gaaacttaaa	tgaaacaaat	ttaaacgaaa	180
tagttacggt	aaaaatagca	gaaaactgaa	aattctaaaa	aggaagtaca	cctaaaagca	240
tgagaattca	acattcatta	gtgtttcatc	ttcagttttg	attgacactt	gatgcttgca	300
aatttttaaa	caaactttta	aatcatgatg	actattctga	agagatttca	gcaccagcac	360
taagatttgt	acattcagtt	tgtttgcaat	tgacttggtga	gccatttaca	tagtggatag	420
tacagacttg	tcacaggtca	gatcacagtg	ttgaggaaag	cagtgccttc	ctgtcattag	480
aaaggatccc	ctaaactgtc	tcagcttaag	acatccaacg	tacaagagca	caaaaccatc	540
ataataatgt	ggttccaagg	aacgtgggtt	tgataaggta	aataacttag	gcttctgttt	600

```

cccatTTTTaa ttctgaaatc tctaataatg acacaactgt catgtatgat agcaaagtga      660
tataataaatt cattcagact tcttggaag aacatttagc caatctggga tgatgggaaa      720
tntagcatga ttcaacactg ggTTTTTTTT      750

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<210> 5032
<211> 820
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(820)
<223> n = A,T,C or G

```

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<400> 5032
gtnttttNaat ttccaactct tgtctttgCG gaccctcgat tcgaattcgg caccgagggtg      60
ggtcctggct tcctaaaga taattggaag acttcattgg attgatagag agaaactgCG      120
taatttcatt ttagcatgtc aagatgaaga aacgggggga tttgcagaca ggccaggaga      180
taaggatga aaaggatcca ccatatctta tttggaattg ctggattgca cttttgggag      240
aagaacagat taaacctgtt aatcctgctt ttgcatgcct gaagaagtgc ttcagagagt      300
gaatgttcag cctgagctag tgagctagat tcattgaatt gaaagttgca tagtatagtt      360
ttgccatttt aacattttctg natttgaaag tgcttatccg aatctaaaag tgactactgg      420
taatattttg natattgggt taaattaatt ttaataaatt atataattat acatattgga      480
aagcctctta gaactatagt gagtccgtat taccgtanaa tcnggacat ggattaggat      540
accattggat gaagttttgg accaaaaccc caacctngga atgccaatgg aaaaaaaaaa      600
ggcttttaat tttgnggaaa attttgggga aggcctattg cttttnaatt tggtaaacc      660
nttttttaan cctggccaat ttaaacccaa ggtttnaacc aanccaancc naatttggcc      720
atttncaatt tttaaagggt tttccaaggg ttccangggg ggaaagggtt tttgggaaag      780
ggTTTTTTTT naaaatttcn ccgggggcccc cngggngccc      820

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```

<210> 5033
<211> 826
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(826)
<223> n = A,T,C or G

```

```

<400> 5033
nnctngnngt tctaattgctt ggngnnctgt ntcgctggat nggatcntnt cgttgccctg      60
tnnactnggc nmgacnngnn tctgcncngc cgttgannca cgnnntantn cnccaaangt      120
anatgatgtg gtatctnatg tcncnatcna ngnttngaana aacccaaatg ncctnacntc      180
gnaganaccn tgtcncnant nggnnatncn caattnttcc aggcntgann nncntgcct      240
gnnccnncnag ntacncanta ggcctaagca gganaactnnt ttntaccan nangtgtagg      300
nnnnggtgac ccnanatcnn gctnctgnac tcnggnctgc gtgacatagc tagactctgt      360
ctnanantca agccctcaaa gctngaacgt nttatacana cctgtgtgna attcngangt      420
gaaacgctgn tgccactagn aaatggggat ttgggttagc gatnanatag gctaaatcac      480
nttntnatac gtgatcctng ngtananttc tgcccgaatn ggtngtacgc ntatannaan      540
atanttcntt gttngatanc atcttccctac cntananttt ctngaaaaan aaagtttggg      600
ttttgacnan cactnncacn atgggnnttng gttgggtgcc tgcttgcttg gtttgnaatt      660
tnnagcccn taanaanact tnttnngngt nctggaatan ccgtnnnatt ccnngacatc      720
atttntagcn tcnttgntt naantggggg nnannaccna nttgttttna attcngantn      780
aangaaaaat gccntnttt nnogaaatnt ttttgtggnc ctttnc      826

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<210> 5034
 <211> 826
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(826)
 <223> n = A,T,C or G

<400> 5034

nncctngnngt	tctaattgctt	ggngnncntg	ntcgtctggat	nggatcntnt	cgcttgccttg	60
tnnactnggc	nngacnngnn	tctgcncngc	cgcttgannca	cgnmntantn	cnccaaangt	120
anatgatgtg	gtatctnatg	tcncnatcna	ngnttngaana	aacccaaatg	ncctnacntc	180
gnaganaccn	tgtcncnant	nggnnatncn	caattnttcc	aggcntgann	nnccntgcct	240
gnncnncnag	ntacncanta	ggcctaagca	gganactnnt	ttntacccan	nangtgtagg	300
nnnnggtgac	ccnanatcnn	gctnctgnac	tcnggnctgc	gtgacatagc	tagactctgt	360
ctnanantca	agccctcaaa	gctngaacgt	nttatacana	ccctgtgtna	attcngangt	420
gaaacgctgn	tgcctactgn	aaatggggat	ttgggttagc	gatnanatag	gctaaatcac	480
nttntnatac	gtgatcctng	ngtananttc	tgcccgaatn	ggtngtacgc	ntatannaan	540
atanttcntt	gctngatanc	atcttcctac	cntananttt	ctngaaaaan	aaagtttggn	600
ttttgacnan	cactnnacn	atgggnntng	gttgggtgcc	tgcttgcttg	gtttgnaatt	660
tnnagcccn	taanaanact	tnntnngngt	ncgtggaatan	ccgtnnnatt	ccnngacatc	720
attnttagcn	tcnttgnttt	naantggggg	nnannaccna	nttgttttna	attcngantn	780
aangaaaaat	gcccntnttt	nncgaaatnt	ttttgtggnc	ctttnc		826

<210> 5035
 <211> 848
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(848)
 <223> n = A,T,C or G

<400> 5035

gnnnnnnnan	atcagctcct	tgcttcttttt	gcaggcagga	tatccnacgc	taattctgca	60
cgcacgaggc	taaggttaca	nnagnatgng	ttnccttgat	nacaggtcac	tctcncaaga	120
tgcgctnnct	gcagtcagnt	gcataactng	tnaaannacc	nganatagna	ccanctttat	180
atggtatgac	agtgtnnnca	gtgggagcaa	nggtggtcca	tagcctgcct	atnatatcac	240
cnatatctgt	gaacacactc	atngcagant	cagggncagc	natctgntna	atggacttgn	300
attatgtntg	naccntngct	tnctgtngac	ncngmntgag	cgcaactttc	cttanggacc	360
ttanggnacc	nnntnaacn	tactttncan	atgatggnnn	ttntgtcaat	cccggatngn	420
tnacggtnn	cnnatggcna	aagnncnnc	ctttatntna	cacggtgaca	ttactttacg	480
acnctagtca	cactnttgga	ctccattgtc	cacatncctg	ntntatgana	acnttaagggt	540
tttactttac	aananntnna	ccntggcntt	ncaaatgatn	nnccctgcng	acctttcatt	600
ngcaagggnc	ctanactttt	tgcattngaaa	aatttttaggt	aaagttgctt	ttccgctttt	660
agngcccttt	cctaggggta	ttaatgtggg	tggggntcct	tnccctntac	tttccctctg	720
gccccgnttt	ttcncnttn	nggaaanccc	cccccttaat	tnnncccccg	tgnttttncc	780
cccncncna	aaaccnnggc	aaaattaaag	gggggggaaa	attgccccct	tnnttttaaag	840
cccgaagg						848

<210> 5036
 <211> 715
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (715)

<223> n = A,T,C or G

<400> 5036

ngnnnnnttna	aanatacagc	tggtcttttt	gcaggatccc	atcgattcga	attcggcacg	60
agggctatta	aaaatgtaat	cagtgtgaaa	attcatgcca	tctgaatcgt	acgagtatgt	120
aagggatttg	agttcccttac	agaattttct	gtaatttagt	acttcaagtg	acttataaat	180
gtatatactt	ctctctcaca	aaagtgttag	gagaaggaaa	atcttaaata	ctagcttgat	240
ttcttaattt	aataacaaaa	aacaattctc	ataacatgta	tcacctaaaca	tgctactttc	300
actttaaaag	tctaaagagt	tgaggtttat	ttcttttctt	ttaaagttga	tgtttatgtt	360
ggtgatttcg	aaaagatcag	atcccccggt	atgaaggatc	ttaaccttgt	cttttagatc	420
tccatgagaa	atgcagtaca	tgtagcatta	gccatatttc	tttttttagag	gcctatgtag	480
gatatttata	acctgtaaaa	gtttgatgac	ttcatgctca	ggagaaaagca	agtaattacc	540
tagccaagcc	aggtgggtgt	tcaggtagt	ggtaaacaga	aaggagatgt	tgaaagattt	600
catatctaaa	gggtaaaaaac	acaagagaag	tatatagaga	taaacatgta	aagtataaga	660
ctgntacata	gtaagctcct	ncgaagtggc	agccattggt	attatttttc	tgcnng	715

<210> 5037

<211> 758

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (758)

<223> n = A,T,C or G

<400> 5037

tgtttttgat	cnagnnctct	tggtcttttt	gcaggatccc	atcgattcgc	ggcgggtgtcg	60
gcagctgctg	tagcgaagag	agtttggcgc	gatgtctcac	accattttgc	tggtacagcc	120
taccaagagg	ccagaaggca	gaacttatgc	tgactacgaa	tctgtgaatg	aatgcatgga	180
aggtgtttgt	aaaatgtatg	agaacatct	gaaaagaatg	aatcccaaca	gtccctctat	240
cacatatgac	atcagtcagt	tgtttgattt	catcgatgat	ctggcagacc	tcagctgcct	300
ggtttaccga	gctgataccc	agacatacca	gccttataac	aaagactgga	ttaaagagaa	360
gatctacgtg	ctccttcgtc	ggcaggccca	acaggctggg	aaataattgt	gttgggaagca	420
ctgggggggt	tggggtgggc	ttggaacaca	ggtgtgtaca	gcgtgctgta	atggaaagtt	480
ttgnatcata	gtaatcctgt	ttccactttg	gtatctctac	ccagattgac	tgtattagat	540
gaaatgtgan	gatcttggtc	aatcggaaac	cccgtacctc	ctcttttctt	tctctttctt	600
tnntttttac	ttaacatttt	atgatgattt	anatggaagt	ggtctttngn	acttaatgtn	660
ggttcagnc	ctttaactgg	tcaaaattta	ctttttacan	tnacattctn	aacctttttt	720
aaanaagggg	ntgggggggtg	gnaaatgcnn	nttaaccc			758

<210> 5038

<211> 1278

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1278)

<223> n = A,T,C or G

<400> 5038

tnttgggaang	tgtagncttt	tttttgggaa	aaaaaanccc	ccnttttttt	nggggggggaa	60
naggtntnecg	gggnntnttn	atancnaata	cncnattttt	tgaanaaaan	nacccttnt	120
canggggnaca	aatatnctaa	attnacatct	acatnnnaan	caaattatnt	ncatcnnatn	180
ggacncatan	tcgacacacc	atntntntnt	ancacacgtn	naacatacat	ntccaccacn	240
ntnaanatac	ctctctctcc	anttnncann	cacnccctt	ctnntaatac	antacacnnc	300
gaacccctn	tcgngggccc	natntatatn	anaaancacn	ctacccatan	atcacacnnt	360
ataatnatca	tncnncatac	ncannctcnn	annccaaatg	atgcaatnan	naccacacac	420
tncnntcaat	ccnccanana	tnttaacncc	anancnngn	ttannncanc	atacncaanc	480
cacnaccana	tncntcncnn	nacnnnnnc	nannannnn	ccancacnnc	nannnnnnna	540
aannacannn	nannannnca	tncctctnaa	tatancnacn	anaannnnnc	anacnacaac	600
cactcnngac	tcttaaaactn	cntananaca	ctncantnnc	cccaagacac	anntcncnta	660
agatgggacna	cctnntaaac	atcnacacct	agatcnatnn	nngnccccaa	nctanaactn	720
tcaatccntc	cagcnaaactt	caactnnnac	nacctnanna	aaatctnccg	acacnccnat	780
nncacctnac	ntannnaann	tacaccctn	ctatnanata	ctcacannnn	tncntnttta	840
tatcaanntn	ttntcantaa	aaaccacggt	naatatcacc	naactcncnt	atntcnaata	900
agtacgctca	cactanacan	acatatatat	ctacantttt	cncnnacnca	acanctatng	960
cnacaggant	cnnccacngt	anaacacctc	actatcaaaa	tngcnancgt	atcacnacng	1020
cnannagcca	tnccntacga	cntntgncaa	atcgaaacnc	ntntaacaan	anatnanatc	1080
tncnnacat	cacaantcta	tatctanana	ctacnngnga	gggcanaaac	acattccccc	1140
nnctanntg	tcnccacnat	aaccgnaatc	nccnnaaaca	catggnaana	tccccactan	1200
tcgnatccca	cnccttcaaca	cnaagancnt	accacnntac	gtanacnaan	gancttgggg	1260
tnnaaanata	cttncccc					1278

<210> 5039

<211> 796

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (796)

<223> n = A,T,C or G

<400> 5039

ngnnnnntttt	nnaanaccct	nnctacttgt	tcttttgcag	gateccatcga	ttcgtttttt	60
tttttttttt	tgactcttga	gtggatttta	tttttgcact	ccaggatgca	gtgaagacgg	120
tggaagggtc	atcttcacac	cgagggccct	cagtgtcgag	gtgactcccg	gcctgaggag	180
ggctgaggca	tcttgaattt	tgagagttcg	aggttgaggt	ctaanaaggt	gtacgtgctg	240
taagtcatga	tgctgcaggt	tcttgtaggt	agtgtgtgtc	aacggctcaa	caggcactgg	300
ggctggctcc	tgtgtgccgc	ctcggtcgtc	ccctgcgcng	ntgcatcttn	catgggctcg	360
ccctnggcct	aancctttaac	gctgctggct	tttcatggaa	accnngggta	tttttcaaaa	420
gaactggctt	cnaattgctt	ggtggnatct	gatctttcac	gaatggctgt	ncaccttcaa	480
gtgggcttct	attcctgcgt	cctgaggttt	cctttntggg	caaggggaagg	ggcccccttg	540
cncctgggct	tttggcaccc	ggtttttnca	natgcccctt	ttgncggccc	caagaagaac	600
ttggctttgc	aacttgncce	ttntggttnt	tggncctttt	tttggccaac	acaaacaagg	660
ccnccctggg	ctttgccctt	tcggnggggc	nccaaaacaa	ancctgaat	ttttgtgggtg	720
ggacaagggt	naanggggtc	cctttnaacc	tttcaaaaan	gggctttttg	ggcttttctt	780
tttaaccnaa	tttcna					796

<210> 5040

<211> 1308

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(1308)
 <223> n = A,T,C or G

<400> 5040

ggcttnaaac	ctttgaacnc	gcttattcng	cggtccancn	ttngncgngn	tacnggtang	60
gctgngnnta	ggcnttncat	tgcgangcng	nccccnnngn	gnnnccnnngt	tgancennng	120
ngncngtntg	gntnagngnc	tacnaacttn	gaancganca	gnnnnnnggc	ttntggggccg	180
ccactgcenc	gaggnttcca	nncnctagtc	accennngng	tacccttagc	nncncttggn	240
tcctctngca	ccnnntenta	gaaaatnccc	nncnnnannn	gncttcttna	gtgggtaann	300
tcngttnnt	tccecccnnt	ggggnncttt	tngtgcgcac	atngcatcat	tacctntngn	360
nnagtcnta	cactnatann	tctggnnccn	naannancgt	atcgtnctnt	agttncnttt	420
gtgtcgnncn	tagnnanngn	tntanacgca	tnctttgmn	natganncnt	nctcnngttn	480
atctctcatg	tngcnctcnn	agcnnacgct	ctctatnngt	ananncatct	cganatcncg	540
cantntaata	tnacgggnana	tcgntcntnn	anntattnta	nntncangca	cttctntatgt	600
atatnagntg	cgtancgttn	gannantnac	antgcgacta	tancatcngg	atagtncttn	660
acntcnnana	tcctctgcna	tangtncnat	actcngtata	ngncnctcta	tatntaacan	720
agngtangtc	tntgcgtaac	tcncnngnan	tctanncntn	gggtattcat	natnncaccn	780
tnntagtnaac	nttacncgnt	gattnatnta	nccnattcgt	tgtnananga	cananncnct	840
natncaangn	nntacgtatn	gcacatanct	atgantnncc	tagatngntc	gctcaactat	900
cggcaanctc	tncataagnt	gtanntttn	antnatgtag	tctncctgt	ntngaccgct	960
atntnnntcg	tanctaencc	atccacnnaa	gananntntt	ngtngnntnn	ntatngctca	1020
aanntnggtg	ttctnaatcc	cccntctent	ttntntgnan	agtntgcnan	agttantcgg	1080
nngngtagcg	nntntacccc	tatnggagag	gnttctnant	tatgcgacat	cncannnga	1140
nnngnnaann	acggcngggg	gnttctctct	tggaatntat	ctcntanctc	tngcacgnnc	1200
nnggcttnt	canatnaaat	accntgacnt	ntnggtgann	cattngnnac	naangcgctg	1260
tgagatagnn	cccnntagat	aagtctatct	gtatgctnnc	nccanccc		1308

<210> 5041
 <211> 776
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(776)
 <223> n = A,T,C or G

<400> 5041

gnnnttnnaa	nncennnggtt	ttaganaggg	cngcaggttc	cccanacaa	ctcnnrtgcaa	60
ganccgtagc	attcattacc	tgttttattct	ctgctgcac	ttacagaaga	gtaaaactgg	120
gagagtttat	atgggtatat	atatatatat	atatnanatg	tatatatata	tatatngact	180
tgctacatga	agatgtaaaa	atcggttntt	aaaggngatg	taaatagaga	tttcttnaat	240
gaaaaanaca	tatngagaat	tgntctaata	caacagaaaa	gccnnnga	ctctaaggnt	300
cctgtatatt	ccatgtataa	gtgnaaatat	aancagacag	ggntaaaagt	gggtgcatgta	360
tgtanacagt	tgcaagtctg	gacaaatgta	tanantaaac	cttnnattta	agntgggata	420
acctgtctga	tgaaaagtgc	atggggggacc	ctgtgcac	gngcataatg	gcaaanngnc	480
ttanaagggc	cganccgaag	atcnatncng	acntgacngt	tganatgtca	ggagctgacg	540
acgaggggat	acagcgggng	anagaatggg	catcganacc	aaggggctna	nagaagnttc	600
caatgggcgc	caccttttaa	nntgnngatt	nacacaactc	cntncaggga	atngngntnn	660
nccannncng	acnttattcc	cagagtgtcc	cagtattagc	aatactggga	atataggcac	720
antaccaatc	atantnagaa	anntgggggg	tnaccccaac	ccaaatttga	ngcgan	776

<210> 5042
 <211> 1105
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1105)

<223> n = A,T,C or G

<400> 5042

```

gggggncggg natnaanngn tnggaaactn atcncangat agcgcnggat tcngantggn      60
ttcgaaaacn ctncntnncg atttnaaata aaatnttttt cntntttccn ctgagganca      120
tnttgagggg nccagngngn aaanaaataa gnatnnnggg ntcaaatacct ancaggctca      180
naaatgcctg nggtttnnnnt nggttcnttn tngctntccn ctcnnatatc anacctgcc      240
ntgacntggn nnnctcntnn ntgccttnc catcnttgac atcncncatg gcatgtanca      300
acctntnncn gntannnnnt aaacnacact tgnattgtct gnantgttng aaatnnaaca      360
atngcaacccn cccantnnna nngggcnggn ccagnncaan acttggnann cttntcanna      420
tnatccnttn cctntntncc cncatngtta ntcaacttgta taacatttca nnnncnganc      480
tttatatntg nnttnttggn annngntann tanctntcnc ngnanccann tagagatnnt      540
ggtgcngnnc tnccataaaa nggtntctatt tgctnncaen ntacatcagc ctanctctna      600
atnttttagta caggcnacgg gaatatctcc ncnngngnga caaaatattc gcgngganat      660
nagnttnttt tngnncngng taccocatcc cgannattat actntnnnat angngatnta      720
aactctataa agtcatgtc ananntantn agngagctct nncntgnaaa anaaangnng      780
ctcatgatct ctcnntatnt atnnnatcnc tccnanncta caatctntan ccanttnacg      840
ngcnnnatta nnnnggggnc anattncacg tgccntcta agncccntgt gtctananac      900
nganncntng nantcaancg cnanagnngc acacnccgat actaantntg nacttccata      960
ccaattantn atgtntcatn ncccgacatt aatnagggtc nnaattnta naatcaatgt     1020
ctnnncacna natcngnngt attccaagnt natatntntn aagnnaccnc tctagcncnn     1080
ananncaatt tnngtcgtnt angcc                                           1105

```

<210> 5043

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (759)

<223> n = A,T,C or G

<400> 5043

```

gtctaangna ncagctactn gttctttttg caggatccca tgcattcgaa tncggcacga      60
gcttccttgt ataatactga tcattctatt ttagcggtaa gaaccaaga aggagtatgg      120
atacctgtaa agctttctgg tccttgggaa gcctctcctt ctgtgcatat tattactgaa      180
attcttcaaa agattctgag atgctctcag tgtttcattg ctactttaat tttaatcatt      240
atgggattga ttgctgtcac agctactgcc ggggcanctg gagttgcttt gcatttcaca      300
gtncaaacag cagactatgt aaataattgg cagaaaaatt ctactttgct gtggaattcc      360
caaactaata tggaccagaa actagctaata caaatcaatt atctncaaca aactgtaatg      420
tggtctaggag attgagtagt tagtctagaa tatagaatgc anttacaatg tgattggaat      480
acttctgatt tttgcattac tcctcatctg tataatgaaa gacagcatga gtgggaaaga      540
gttaagaaac atttgaaagg tcatactgga aattnacttt agatattatg caactgaagg      600
aacaaatatt tcaatcttct ctggcacatc tgacactaat gccaggaact gaagtgtctg      660
aaggcgcttc anatggataa cagctattac ccattaaaat ggatcaggac caannaaann      720
aaaaaaactc cgagccttta aactttgngg agtcnnttc                                           759

```

<210> 5044

<211> 1444

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1444)

<223> n = A,T,C or G

<400> 5044

```

ctctencnnc nnnncnnntc tctnnccntn nnnnnntnntn nnnctcnnnn cnnnatctnn      60
nnnnncctnn nnnnnccntnn cntccntctc ttntntngct ctctntctctc ntncatcttn      120
ccnctattnt cntntntntc nntcntcnnn antnctnnnt tctncctnnc canctntcca      180
tnntntactn tcnntntntc ggctntnta tntggggggt ctatttnttn ncttaaactg      240
actngttcca agtctcttan cngcntctnt ctnnctntct ntgcncnncn ctggggcctt      300
aattncccn gctnttatan aagngngnaa ttaaggnttc nntctanng ctntgcaagg      360
ctaagtnta gatccngnta gaanncgnta catggtggga acngacanct tntgcncaa      420
agngggctna ggcanngnnn tntgcaaan ctcnnntntc nnancttgnn tncgtagan      480
cggnnncccc tgaatttttn ancnnngganc nttaaantnt ntngnggtac ganncccnnn      540
necgnnnnnnc gnntannccn canngttaan tgcncnnna nnnantcaac tctntnttcc      600
tnntnnaacn nnttantct annatnnta cnnntnagnt tttctctnct nacnntctg      660
tnttnttnn atctntntct tctcnctna tntntatctc ntntntntnc tncctnatc      720
tatctnctac nctctnttcc ncttctccct nntctctctc atcatatccc acgcnactna      780
nccccctnn ctcttacctn nntnctctcn tcntatctcn nnaccctctt tctntntctt      840
atnncccta tctctactt attctctctc tattntncca ctcacccttc ntntntctnc      900
nctnntcttn tctatttnt actntcncta tctctnctc tctnntgnet cccacccct      960
cttctctctn ctctctnnnn mnnactactc tcacctctc nntntcnct ctacnnntnn      1020
ananctctt antttctcnc tcatcacant actctctccct ctcatnntca nanctaant      1080
ntnctctcac tctaccactc tntnctccac tcatatnana cttctatant nctaactcta      1140
tcttcttaaa cntctctct tctnctcta anctctctt cntcgctanc tccnntncaa      1200
ctcgnaaatc tctccaatnc tnccccactc taaaaatnnc ncntcngant cccacttttc      1260
ngngcanaat nnaacnncn tcnctctct ttagctatct ctctanaaac cccntttctc      1320
aacaggnacc nccctntntc tcnaaatcct catnctncta ctttataatnt cnccaagcct      1380
cncctntgta anagcatctc nctntccncc aatnnanate tccctnctcc natanatntn      1440
anat

```

<210> 5045

<211> 1027

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1027)

<223> n = A,T,C or G

<400> 5045

```

agngnttcct tcccccttt atttngaaaa annggcgcgc tnnntcnana attggccact      60
tttctctggt ccnnggggaa tnccccata cgcantntcg gnaaatgtgn cgggtenacc      120
gatagtecca aaacctctgg ggccattgca aaaaggggnc cccangggnc gntettacaa      180
ngnatttntn ttttataccc tnnntngngg gacannctgc cagntctaat cnaanegggt      240
gngattattn gggggnngnc acccttnngn cncnnataat atatnnnggc tcnecatgtg      300
anggcncncc ccatagnag tntatncncc tcatataat tatcntantc anncgcaaca      360
antntatacn ngtngtatac nttgaatnaa gaatnccact nntatgctac gantatnnnn      420
ntngtcnnnn ngntgntntn mctnaantc nntnactact tctnctgna cnanntannt      480
cgnacntnca cnnctnncn tanatntgnt anttnanntc nnnnnctcnc tngnnntcn      540
tnacnngacn tanntnnatn gnnanntaan anactnannn taannannnc nnnntnttt      600
cntnnttcta cgnctncta ncnncnanc nnnntcnntn nctanactct ntnnnnnnn      660

```

1741

nntantnnnt	cncnnaccnc	tgatntattn	cctcantatn	ntnnttcent	nntnnnnntn	720
ncgctnnacc	atacnannac	nacatnnnan	nnctgatntc	ncnntanntc	ctncnnccat	780
tcnncatgnc	ntntnnntat	cctctcanan	naanatntnt	nnntgannta	cgntgtatgt	840
ctnnctcncg	annataccnc	atcntnncta	ctagatacca	cnannnctnt	acnntnnac	900
ntntcnatat	nnantatant	ctnctacntc	ancnanctct	ngntntatct	gangacacat	960
atntcnngat	nacactgntc	caantnaact	cnagnnnnac	canggtcatc	gacnctatnc	1020
ncncccc						1027

<210> 5046

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (748)

<223> n = A,T,C or G

<400> 5046

ncntntttcc	tctcnaatcg	nttggtgttc	tttntgcagg	atcccatcga	ttcgggtcta	60
cagtatgtag	aagcagcaag	ttagtattaa	tgatgatggt	accttggttg	atggtcgacc	120
aatagagtct	ctgtccctga	tagatgccgt	aatgcctgat	gtagtacaaa	caagacaaca	180
agcttataga	gataagcttg	cacagcaaca	ggcagcagct	gctgcagctg	ccgcagctgc	240
agccagccaa	caaggatctg	caaaaaatgg	agaaaacaca	gcaaattggg	aggagaatgg	300
agcacatact	atagcaaata	atcatactga	tatgatggaa	gtggatggg	atgttgaaat	360
ccctccta	aaagctgttg	tggtgcggg	ccatgaatct	gaagttttta	tctgtgctg	420
gaaccctgtt	agtgatctcc	tagcatcagg	gtctggagac	tcaacagcaa	gaatatggaa	480
tcttagtgag	aacagcacca	gtggctctac	acagtttagta	cttagacatt	gtatacgaga	540
aggaggggcaa	gatgttccaa	gcaacaagga	tgccacatct	ctagattgga	atagtgaagg	600
tacacttcta	caactgggtc	ctatgatggg	tttgccagaa	tatggactaa	agatgggtacc	660
ttgctagcac	cttagggcag	cataaaggcc	ctatattgca	ttaaaatgga	atacgaaagg	720
aaattcatnc	taaatgctgg	attnacaa				748

<210> 5047

<211> 825

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (825)

<223> n = A,T,C or G

<400> 5047

gnnnnnnnnn	ttttnaaagn	ccagctcttg	ttctttntgc	aggatccctc	gattcgaatt	60
cggcacgagc	agaaaagtta	ctgcagctta	aacaggaaaa	cccttcttgt	tcaggactgt	120
catagccaca	gtttgcaaaa	agtgcagcta	ttgattaatg	caatgtagtg	tcaattagat	180
gtacattcct	ggnggtcttt	tatctggtgg	tagctttgtc	tttttctttt	tcttttcatt	240
acatcagggt	atattgccct	ggaaaattgn	gggtagtggt	acccaggaaa	taaaaaaatt	300
aagggaattt	ttaacttttc	aataatttng	tagttcaagt	tttctacatt	ttaagtncca	360
gaaactttta	caaaaatgcc	agtttcgaaa	gggtgttctc	tgnggaagtt	naccaagtta	420
aaggaagatc	attgggtaaa	ttactatttt	tggnatggaa	attttgctna	aagttnactg	480
gtaaaggaaa	cacctgctga	ctttgcaagt	ttaangggga	atctattctt	cccattttcc	540
aaacccatgg	atatggaatg	gggccctga	ccatgtggga	agaggaattg	gataatttgg	600
ggtggtttgc	natggggtgg	ttttagatna	attgggattg	gggtatttta	aaattaacca	660
tttgngggaa	nttnaatagg	cctttnaaga	atanccnttn	aaaatggnaa	aaaaaaatct	720

tcnaaaaaatt	tcnaaaaaaa	aaannnnnaa	aaaacctcna	nggncctttt	aaaacttntt	780
nnggaagtcc	nnatttacct	nnnaatnccc	gaccntggat	naaga		825

<210> 5048

<211> 707

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(707)

<223> n = A,T,C or G

<400> 5048

cnaatgctgg	tngctngttc	tttttgcagg	atcccatcga	ttcggggcta	gcctgcacgc	60
acgccaaagat	ggagctccag	gctagccccc	agaacagccc	agccgcagcc	gtcctaccag	120
accagcacct	tgtaaccaca	gtctaaccac	gcgggcacca	ggcgggtgaga	cctcctgccg	180
ctgccagccc	aggatagccc	ccttgccctc	tgcccaaggc	tcaggctacc	ccttgaggcg	240
tctggaggac	actaggcttg	acctggggag	tggcatgatg	gggggcaggg	tccgaggcaa	300
cggagaaggc	agaagtgact	tagattgtga	gtgccacggg	gctgaggcct	gcgccgacct	360
ggtctgctgg	tgctaccagg	cttgaacagt	cttcaaatcc	actgctatta	ggcaaattac	420
ctggctcccc	ctgaactcca	gcacctagaa	ctatgtcaca	ctcgtagtag	gccgctgcat	480
tggttgaaca	aatgatTTTT	aaagaatgaa	tgtcttcctc	tgtgcctgca	tttctcaga	540
aggctgtaac	aaagattaaa	taggaaaatt	cgtggaaaagt	tcaaaaaaaaa	aaannnnnct	600
aanantcatn	nnannnnang	agnntnaaaa	aaaaaaaaact	cgagcctnta	aancntntag	660
gagncgtatt	acgtanatcc	agacatgata	ngatncattg	atgagtt		707

<210> 5049

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(762)

<223> n = A,T,C or G

<400> 5049

ngnttttaaa	tcagctctng	tcttttgcag	gatccctcga	ttcgaattcg	gcacgagaga	60
acacagggtgt	cgtgaaaact	acccctaata	gccaaaatgg	gaaaggaaaa	gactcatatc	120
aacattgtcg	tcattggaca	cgtagattcg	ggcaagtcca	ccactactgg	ccatctgac	180
tataaatgcg	gtggcatcga	caaaagaacc	attgaaaaat	ttgagaagga	ggctgctgag	240
atgggaaagg	gtccttcaa	gtatgcctgg	gtcttgata	aactgaaagc	tgagcgtgaa	300
cgtggtatca	ccattgatat	ctccttgtgg	aaatttgaga	ccancaagta	ctatgtgact	360
atcattgatg	ccccaggaca	cagagacttt	atcaaaaaca	tgattacagg	gacatctcag	420
gctgactgtg	ctgtcctgat	tgttgctgct	ggtgttggtg	aatttgaagc	tggtatctcc	480
agaatgggc	agacccgana	gcatgccctt	ctggcttaca	cactgggtgt	gaaacaacta	540
attgtcggtg	ttaacaaaat	ggattccact	gagccaccct	acagccagaa	gagatatgaa	600
ggaaattgtt	aaaggaagtc	agcacttaca	ttaagaaaat	tgggcttcaa	ccccgacaca	660
gtancatttg	ngccaatttc	tgggtggaat	ggtgacacat	gctggagcca	agtgtcaaca	720
ttgccttggt	tcaanggatg	gaaagtcccc	ntaaggatgg	ca		762

<210> 5050

<211> 761

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(761)
 <223> n = A,T,C or G

<400> 5050
 tgettgtctct tgttcttttat gcaggatcct anctcccnnnt ccnggnagga gganacagtt 60
 actgactntc ccgcagacgt ggtgctcttt gaagggatcc tggggcagaa tgaggtggac 120
 tatnnccaga agcaggtggt catcctgagc cangatatct tctaccgtgt ccttacctnc 180
 nagcataagg cctaagccct gaanggccng nncaactntn accaccnnga tnnctntgnc 240
 natgaactnn ttctnantnc actnanagna atnactgatn gnanagnngt gcngatnccn 300
 gtgtatgact atgnctcnca ttncagann gtnccgatan ctntccctga tganacnnnt 360
 tgagganaca gatnccgaca cccgggtctn acgcaaanta ttaanggaca tcagcganag 420
 atgcagggat cgttgaacac tataacatcg tcaattcatt anatnnctnc aagcntgcct 480
 ttanangant tctcctntgn caacaacaga tncctggctt ntanaggatc ntncatnga 540
 ggttcncaat agatactnng tnggacaaac anctnatnt gtgcaattnn attcctntga 600
 ccatcctttt aatgggaaag ggnctttnna aacggggnaa acccaattng ttgncctaaa 660
 aggggnataa aacccttttt naaacnaggn ntgtangnnc ttcanaactt gnnannaatt 720
 atggccccc ttttaaccct ttaatggctt ttngtcccc g 761

<210> 5051
 <211> 847
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(847)
 <223> n = A,T,C or G

<400> 5051
 nngtctatag ctggctctcg ctnttgtgct gatcncatga ncccatnnan nnnantnngn 60
 cccgntgagg nctntnattt gcacccatgtt cgagtnangg tcctttccta aacatgntnt 120
 aaaaatatan atncgatggc ttatttataaa tgtccctatg catggngaaa tgntaaatac 180
 cangtggatg antgggtctn nnntatattg tgaatggaga attatncaca atgcatctat 240
 atgtgtanac taataatgta naatatgctc nctntnctg ntctgtgnan aatgtgctct 300
 aaaatnccct gntngtgggt agcatgggct ggacagnnat tgattttcag aaaaatgctt 360
 ggcttttggg ttnttggcaa tagggaagcc tgcngcaa atcttcanta cgcttccatc ttatgatnna 420
 anttatttn anctatttg aatgtatgct atcttcanta cgcttccatc ttatgatnna 480
 aggnntntcn natttctant ccaagacttc gngcntanac tgtcncagtn gggcatttga 540
 tgncttgtca ccagtggaaa cctgaacgga aaggggctnn aggaccnacc ttattcctta 600
 aggcccttg agaaaaaccc gttnanttgg gctccttaga actngctngc nggggaaacc 660
 tggaaaaccc ttgccctng tttttaagg gggngnccct tgggtttccc attngggngn 720
 ctttaanaaa attttggggg ccccnaccna aaatttggcc ccgggggattn cnnctanntn 780
 ggctngccct ttttaantcct taanttaaaa aggnccctta caattttggg canttggggg 840
 gnnaaaa 847

<210> 5052
 <211> 747
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(747)
 <223> n = A,T,C or G

<400> 5052

```

agagnnnnnnn nttttnncta atggctgggg atagtctggn ctttttncag gtngccnanc      60
gantcgaatt nngcacgagg cttggatctt tgtcnaaacc gggtatgtat gtcaaggagg      120
agtttaaggc ctttccgcac caccttggtg atccctngcc tgcncagcgc atgtatnacg      180
tgaggttgct ccttaccaca ccttanntgc ccttgagccc tatttntctag atttcttngt      240
gggctggaaa ccccgctnct ccaccagcat ntccattatc ccaaactttc tagncctgct      300
gacctaanca nnaacggggg ggaaactgga gggcngcggt ctggcngttg tcnaagaaac      360
ttatganttc tattatnagt acaangangn taaaatgggn ccaatatntt ttactaanct      420
catgntatat ngagangaaa ctctatgat ctgnttcang aaggtggtta tngctnngcn      480
gttnacgggn tnnttanggn taccaaant aactctgctn tcatacctta atctgactan      540
tcnagnattn ttagatgttt gggngnann atcctcttaa aatnggnacc agggcntggc      600
ttcngnngan gcngtgntna ccaagtgaac tatatgngnt ctcatcannt gctntangcc      660
nactggaaac acntttgncc cgcaagnnnn gctgttgagt cgatgtactg cnttccatt      720
natggctaca nttgcttatn aggtngc      747

```

<210> 5053

<211> 1014

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1014)

<223> n = A,T,C or G

<400> 5053

```

gnnnnnnctg nnnntttaat cagntctctg ntctttngna ggancctctg attcnaattc      60
ggcacgaggn nntgntcctt ntgnncncc cnngntggng anatcnannt ggcttgtctt      120
nnnncgnacg cnngaagnaa cgggcntctc acgcgcntnt gnattgtntg acangganca      180
tgnacctnct tacnnngcc atntgntnnt ccaactgcnt gaanggctaa tccctnggct      240
gctctcnnan nggntgnntg tggnaaang ngtttggttt aaaanncata nnaatnnct      300
tccatnatte agnctgtntt ttncngggg anttnatnt caatncntnt agctgntnan      360
cnnccgcann gctcaattaa tncntgnact cttnattttc cctncctntg nanttgonat      420
cacattaatg cggatcaana tnggntttta tgaggaantt ntctcgactt attaaggnac      480
ccccaacnt gngctagtga tttttcaann ncatgnttgc angaaaaaaa ccttttcaaa      540
aaccttaatg gnaantttct ttgaggetta aanaataaaa tncctggggg gtttacttgg      600
ggggnccaag cgggggggga nttnaanntt tngccttctt tnttttgga accttttnan      660
ccttggggaa atggaatggg accctcccc cnttttttag gggtaaatcc caaanggggc      720
cnttgnngc ggnccccna aaangtggg ganatcnaac cctggcttng ggggatttta      780
aaaaattttt tnccaaaaa atnngnnnt ntthtttttt cnnnnncnnn nnaatggggg      840
gaaatttttt ttttggggcc cnaaaattta aaccccggtt tttttctcca gggggnaaaa      900
aaaaaaacct tttttttttt tccnnnnnn naaaaaatgg ggtnttaac ccaaaaaann      960
cccgtngnn nnccttttna aancnccaaa aancnttttt tcccccgna nggg      1014

```

<210> 5054

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (762)

<223> n = A,T,C or G

<400> 5054

```

agagnnnnnnn nnttnttnn ctacttaatt gcttggctac ttgttctttt tgcaggatcc      60

```

catcgattcg	aattcggcac	gaggcattnc	ctgctnggaa	cctngtntac	taatttccac	120
tgcttttaag	gccctgcact	gaaaangcaa	gctcaggcgc	nggtggtcgt	tgtgacccaa	180
cctgcagtcg	gtccnggncc	ggccccccag	aactncaact	ggcaaacagg	catgtgtgac	240
tgnttnanng	actgcggagt	ctgtctctnt	ggnacatttt	gtttcccggtg	ccttggntgn	300
caagtngcnn	ctnatatgan	tgaatgctgn	ctgngnngaa	caagcgnnngn	antgaggact	360
ctntacagga	cccgatatgg	catccctgga	tctatttgng	atgactatat	ggcaactctn	420
tgctgtntctc	attgtactct	ttgccaaatc	aaganagata	tcatacagang	gagagccatg	480
cgtacttttct	aaaaactgat	ggtgaaaagc	tcttaccgaa	gcaacaaaat	tcagntgaca	540
cctcttnant	tgagntcttc	acnatctttt	gcnactgaaa	tatgatggat	ntgcttaagt	600
acaactgatg	gcatgaaaaa	antcaaantt	tttgatctat	natnagatgg	aatgggtgtn	660
ccttgactttt	agcttaaatg	ggngcaactt	taggtttctt	ccttgctntca	tattatccga	720
aatttctctgg	cttatnaact	tttttnaaat	taccatttgc	aa		762

<210> 5055

<211> 1024

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1024)

<223> n = A,T,C or G

<400> 5055

ntnnnnnangn	ancnctttga	aacgcctctc	tngtangcgg	atcccatcga	ttcggnttgc	60
ananggcacn	aggctgctgg	gcctggaagn	ccttttgggg	ccactcgcta	attctcatgt	120
gtngctccgg	cccctccagc	tgccaggtgg	tgtggagtgt	gaggccagca	caaggatgcn	180
ggacaccanc	gtctccttcg	ggtaccagct	ggacctgccc	aanccaacct	gcttttcaaa	240
ggtaaaggctc	tnggtttccc	tacgcgggaa	acaggcagga	agtgactcaa	cttntgantg	300
ggatgtntgg	gccaccacag	gtgctggagg	acagngagcn	tgncaccctt	ntngggcctc	360
cacattaccc	ggggaacact	tgtaaaaang	taatgtgggg	ccgggtgccc	gtngctcac	420
gccctgtaat	cccagcactt	tttggaagg	ccaangcggg	cccnaaggta	atgggagaat	480
tnagaccca	tnnctgggtt	taaacaccng	gtggaaaact	tccgttnttt	taactnaaaa	540
aattncnatn	nnaccnanaa	atttaaacc	cnggatagtt	gggttttccn	gggttgccct	600
aaattgggtg	nccaaaacct	tacntgnnng	ggnttttnaa	gggnncgggn	aaaaaaaaatn	660
gggtnnattg	aaaancnc	angtaaaagg	ctnggggaaac	cttttggtc	ggagtaaaaa	720
cccnaanaa	aancccggtg	cncananc	nggaaaattt	tcnnnaanc	ccctgggggg	780
cccgaaccnn	tntnnnncca	aanngaactt	ntccaatttt	tttaaaaaaa	ngnnnanann	840
annacnnata	aaaangctct	tggggtnggg	gacaaaaaac	cccctntttt	nacctantgg	900
ggnnntaatt	ggcctttggg	gngaaanaaa	aannanaana	ntnttnnnta	taaaaaaant	960
cgggccttaa	acncccttga	gggntgagat	ttnaaaaccc	ccttngttta	attatcccc	1020
gcct						1024

<210> 5056

<211> 822

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(822)

<223> n = A,T,C or G

<400> 5056

tnnnntnaaa	cnnnannnnn	tnnnntcctg	aannanancn	taannncana	nanacnannn	60
natnaaangn	cttcnaanc	ggaaancttc	nncgctcnag	nagnaagacg	gggaaccagn	120

```

gncnacgag cnagacaggt nccaattagg acntcatctg gncnctgtc agncatcaat 180
gaggggcnc atgactatag cttggancac agaccacaca cncngcgan gntgcncggc 240
tngaagnatt atncacanct gcgnccccc aaagggcnagg tgatggagna taccaccatc 300
cttnggntgc ncgaggngga atttgccagn nangggaaat ntcagngtgt catctccaat 360
cactttggtt catcctactc tgtcaaagcc aagcttacng taaatagnng gggattaaan 420
gannnctttg gcattttaag attccnaggg gccaanaaaa ngnanaaacn nntcnctcgg 480
naatgttanc ccngnaggnt ntatngngag ntanccacct gntcctttct ttaccnacct 540
nannnnncac agaataaaga tacttgggta tctgtatnta aacctgcnat tatgggtgaa 600
nacgacaccg nactcaattg tggatgagta acacaacana tgaaccanac ntgtanntgc 660
tcanttttng accentttntc nnttatnann nagctgaggn cggcaatctt nnnantgggt 720
nccccaaaag gnttggaaatg annatcccng gggttnncaa ntngannntt gnaatatngn 780
agcnaaaatn gnannttcaa ncnnttnggg agnaaaaaan cg 822

```

<210> 5057

<211> 1103

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1103)

<223> n = A,T,C or G

<400> 5057

```

cggggaaaaa ctctncaaaa aaaancagan nnacctnann nnaggaggan cccttaaaaa 60
aatatggagg ccnttgngg gggaccccc ccaaaaacca nccaagaaan aantaagggg 120
gggcccttgg ggggggggat gaaaataang ggggggnccn tnnngnggn annnanncn 180
nnnnnnnnnn nannannana nnnnnnnnc nnnnnnnana aannnnnnnn nnnnnnnnc 240
nnnnnnnnnn nnnnnnnnn nnnnnnnnn nnnnnnnnn nnnnnnnnn ancnnnnnnn 300
cnnnnnnnnn nnnnnnnnn nnnnnnnnn nnnnnnnnn nnnnnnnnn nnnnnnnnn 360
nnnnnnnnnn nnnnnnnnn nnnnnnnnn nnnnnnnnn nnnnnnnnn nnnnnnnnn 420
nnnnnnnnnn nnnnnnnnn nnnnnnnnn nnnnnnnnn nnnnnnnnn nnnnnnnnn 480
nnnnnnnnnn nnnnnnnnn nnnnnnnnn nnnnnnnnn nnnnnnnnn nnnnnnnnn 540
cncannnacc ccancncnn cncncncnc cncncncnc nncnnnnnn cncnnnnnn 600
nnnnnnnnnn nnancanccc nncccaann cncncncnn nncnnnnnn cncnnnnnn 660
nnncnnnnnn cncnnnnnn cncnnnnnn nncnnnnnn cncnnnnnn cncnnnnnn 720
nnancnnnn ccncannnn ncnncnnnn cncnnnnnn ncnncnnnn canannaacc 780
cnnannnnnn cnnannnnn nnnnnnnnn nnnnnnnnn nnnnnnnnn nnnnnnnnn 840
cnnnnnnnn nnannncaan cnnnnnnnn nnnnnnnnn nnnnnnnnn nnnnnnnnn 900
cnnnnnnnn cnnncanna nnnnnnnnn nnnnnnnnn nnnnnnnnn nnnnnnnnn 960
nnncannnnn cnnnnnnnn cncnnnnnn cncnnnnnn cncnnnnnn nnnnnnnnn 1020
nnnnnnnnnn nnnnnnnnn acnnnnnn cncnnnnnn cncnnnnnn nnnnnnnnn 1080
cacnnnnnn nnnnnnnnn cct 1103

```

<210> 5058

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 5058

```

agagnnnnnn nnttntnct actaatggct tggctacttg ttctttntgc aggaccatc 60

```

```

gattcgaatt cggcacgagg gnaaattgng catnnnnntg tttgengatg gcnncnttan 120
ctattnnatt aangcncntt atactctgct gcttaactng cttgtaattg cacntnngtt 180
acctgcacat tttcatatng aatattgtgn tancatngct tantgtgngt ctggatggaa 240
gatncttggg cctacaggat cattaatgac atattgttta tattacagta ttatatctgt 300
gncatcagcn gtaantncat ttntttacaa atanangcct gttccatttg aaanatatac 360
aagtgtgtgg ncaaaaggaa gtatacccag nancaagccc atgangagtt tcagcaagtg 420
ttcattcctg antgcnatga ctacngcgcc tacagtang tncagtgtca cagctacacg 480
ggatactgnt ggtgcgtcac gcccacggg aggcccatca gcggcncctgc cntgnccac 540
aagacgcccc ggtgcccggg ttcntnaat naaaagttnc cccaacgcga aggnacatga 600
aaaacagatg atgccgtanc ttcanngttn ganactcanc ctttaaggnga ttaagaaaat 660
tttgcataaa gtttaccctt acccttttgg aattgaacan ggttaaaaag ttcccaataa 720
cnaaaaccca ataaganttc aatggcctcc tntggancca a 761

```

<210> 5059

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(746)

<223> n = A,T,C or G

<400> 5059

```

gngnngnnnn nnnnnngnnnn nnnnnnnngn nagnnnnnnn gaggnntttn ngatacagct 60
ctgttcttt ttgcaggacc catcgattcg atcantgtga actcttaaan catgcngaag 120
cnnctctagg aagtngaat ctgatacaag ctgtgatgtt gcctgangga gangatctca 180
atgaatggat tgctgtgaac actgtgggat ntcttnacca gatcaacatg ttatatggaa 240
ctattcagaa ttntgcctga ancaagcttg tacagtcag tctgcanggn ccagatatga 300
atatcactgn canatggtag taatattaaa aagccaatca aatgttctgc accaanatac 360
attgactntt natgacttgg gttcaagatc agcttgatga tgaaactctt tttccttcta 420
agattggtgn ccatttgcen aaactttatg tctgtngcna nanactattc taaagcgtct 480
gntcagggtt gatgcccatn tttatcacca gcactttgan tctgtgatgc anctgcaata 540
ggaggcccac ctcanacact gctttaagca ctttattgtc tttgntcagg agtttaatct 600
gggtgatagg cgtgaactgg caccttgctc aagaattaat anagaanctt ggatcacaan 660
acngattaat gttntntnta gaacacagtt cccattgct taatctattg ntagactatc 720
tnattgctat ctggtattng actacg 746

```

<210> 5060

<211> 808

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(808)

<223> n = A,T,C or G

<400> 5060

```

agagnnttnn ncnnctgaag ccctntaaan nggctgggta ggtcgtncn tctccangca 60
gccannngcg nntcgaattc ggcacgcagg tagcgacntt tnnagtangt ggtgggcanc 120
tcaccgtggg nacagtttag ctntctatnc ctngcntnct ncaactccnc gnantngcta 180
aanggctggc nanaaagcat gnaaaggact ccgnaaaggc cannacataa cgcngtatnc 240
nccgattcgc anancagctc ggntggcagt gnccactngg antcgtntta tgatcgacac 300
ctagagatga tactggcgca cncagcnttn gtncacgcen ggctcaactt ggcnacnant 360
gncacnggng caggngnnc tggagtagnt nnccgnaagc ngtgctnnga ctnggcntgg 420

```


actgnntcan	aagactnnta	ngtaaaccgt	atctccacnc	gnatcntgca	actatgctnc	480
ccttgganat	gagnnancag	antgtcatan	aaangntaca	antgcngata	gtggnncant	540
cacananatg	cacagngccc	ntnttgncaa	natnggacat	cccaggaant	gccagangat	600
canggangcn	tgaaatntt	angactnnta	antgtcncnc	gcttgnaca	gagctgnttg	660
aaaggcagtc	ggantgcac	cctggngaaa	gccacaaagt	nntgacgttt	tggggattng	720
natttgaanc	aaaagcngaa	gaactttaat	taggattctn	cnaaccatcc	cnaattgctg	780
ggaattcgaa	atctttaacc	acatggcc				808

<210> 5061

<211> 792

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(792)

<223> n = A,T,C or G

<400> 5061

taannatcag	ctcttgttcn	ttgaagcctg	ctatnnncag	ctacttgctt	tttttgcagg	60
acccatcgat	tcgaattcgg	cacgagtggg	aaangtttta	ttntnncact	gnngttgncg	120
gttaataana	tggtgncaaa	cgtgcncctg	tnacacactc	gantatntnt	ttangaaatg	180
ntnatgtggg	natgattacc	nttagatcaa	tactttaaat	aattttaccc	nttttacaag	240
ggtaaccang	ggcatactga	aacttttaga	cncttnncgc	aatnnncnatg	ggggangttg	300
ggtgangctt	nggatccctc	ttttnnngttt	tgcacgntgn	aanngangtt	nccagntggc	360
atnttgaata	tgtctgtttc	caaaaaccca	ngaagttnta	aaattgcttc	ctggnccttag	420
aggactaana	acaagaccct	cattccact	ttcatttnca	ctctagcaaa	aactgggctt	480
gcgtantttc	ccanctactc	gnntatatcc	tcnttccatg	tncaaaccct	ncattccctaa	540
gngggattgg	cttactttng	cccatccata	tggcagnatn	tntaatagct	ttgnaccggt	600
attagatctt	ggccttaggc	ccangttcaa	aacaagtgcc	natctatgac	cagggnccaa	660
anaaaaaana	tccaggattt	cgaangagan	acnntncatt	gggantnaag	actcntacna	720
agtccttagc	cnttttcata	aaagcctggg	cctctaattgn	ctggnnaccat	tttaanggga	780
canttatnaa	an					792

<210> 5062

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(780)

<223> n = A,T,C or G

<400> 5062

tttnaaancc	ntggttnaat	ncctnnttga	anccttttta	tgatacagct	cttgttcttt	60
ttgcaggatc	ccannnnncag	gcttgaccca	ccgcgcccag	cctgtaattt	cttatacttn	120
gtatnttgta	cttgtattat	gcttctgata	cgctataatn	atztatgtac	atgttttttt	180
nctncaatan	actgggaact	cttcgaatgt	aggactnnta	atgctagata	ctcaattatt	240
ttntattaaa	ttgaatgact	ngaaactaca	gaccccttnat	ntaaacttcc	caaatttatg	300
ctgtatttaa	ncngctcttn	aaatctggtc	nntaangnga	attntnaagg	cttgggacat	360
gcacatgatg	gntgtattgc	caactgngaa	aagggtgatg	nttactggag	caggggcaag	420
gacacctggc	cccgcgccga	gcaaaaactg	ntcaaccaca	aacgatagca	ggaaaaggcc	480
tgtgncttnn	gcaacantgt	nttgctgcag	ataatnncnc	agagcctgnt	tctctgntct	540
tnctgagatt	gctttggctc	cataaangat	tgtttttagct	aatctacaat	ctatagaagc	600
aatgntanaa	cttgggtttt	tggantaaan	ngnnggggna	aagnttngna	atgtgggntg	660

tcaanntttt gaaaaaannc tnnatacnan caaaanttna nccatttttna atnttttagng 720
 gnggantant ttnatnnann nttntagan actntgntga gtttgnaaaa acccaaantr 780

<210> 5063

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (762)

<223> n = A,T,C or G

<400> 5063

cgnnnctttt	tgaacccatt	tctcgttctg	caggatcnna	tcnattcgaa	ttcggcacga	60
gggaacttac	ccatggggac	taatntggaa	aaggtctgtc	catagtggnt	ccctgaagac	120
tggaattact	tcagcaaaac	tncccatga	acagctaata	tgtanngaaa	gantgancta	180
gcaaatgagt	tttaccgggg	acaaaaaatc	aagcanaana	gtgaatgctt	agaaccttct	240
caaagcantc	acaagtacag	acacttcact	tagcctaggg	ggccttccag	ggttcttgtg	300
gctgntgtca	gagcaggagc	tgggggaggg	aagacttgtt	ctctctttct	tgaggggtgg	360
cattaggaac	ttacgaaacc	anagaccttt	ccctatgact	tggcagnatg	tgaatatact	420
ctacacttag	ttattgataa	acttcttaaa	gagatctgct	atthttcaggt	agtgccataa	480
tctgcactta	ncattggctt	gcttcagttg	ggcctcttcc	canccagtat	gccaggtga	540
actttcgagg	ttgtcattaa	gtaagttgtg	aaatttctgn	aataacaaag	gcagtcnnng	600
attctttcct	tttccnccaa	attcctaagg	caaaactttt	ttatggngct	ggtnacatgg	660
ggagtnacac	aaccnctga	ctttttctca	ttgccattgt	aatgactgat	gganaacccc	720
accnctggg	atccaaatga	caattgtgct	gaaaaaccna	tc		762

<210> 5064

<211> 763

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (763)

<223> n = A,T,C or G

<400> 5064

gnnntttnnn	atctgctact	tgttcttttt	gcaggatccc	atcgattcga	attcggcacg	60
anggtgactg	cagttgacga	aagcatgcca	tgggggtatg	ggacattgnt	gggccacatt	120
ttggngacng	acccngctg	ttgacttttg	gaccnatacc	tttgannttt	ggcntgccct	180
cntagnctt	ggaattccct	gttttccagc	ccanccccna	tggtatgtat	attcnttaca	240
agtnctccna	aagancannt	gtctaggatg	cgggggaggg	aggttccttc	cntangggag	300
cgtgganaga	agggagcagc	cttgggggtg	nattntnggt	natgcntcan	attgggcatg	360
catgggatgg	nanangggct	cagccactnt	cctncagaat	cttcctnaga	ccctncaact	420
gcantatgta	atnctactct	gtncctcata	naagggangg	agccacatat	gacattccag	480
ttctaagccc	ancatggang	aacangncta	tgtccccata	ngtgangtan	aagtagaggg	540
cttcacctgn	cagtatnctt	gccgctactt	cctcacataa	ggaangacga	agaagnaacc	600
nggacctcgc	tttnccatgg	tgcantcagg	aacanggttt	tacgcagctg	gccaactntg	660
aggctntgct	gncttttntc	gtggncagtc	caggaaatgc	ttacaccacc	ttttttccca	720
ctnttnccctc	ttggattntg	ggggnccnc	aaaccggaat	tnn		763

<210> 5065

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(762)

<223> n = A,T,C or G

<400> 5065

cgnnnctttt	tgaacccatt	tctcgttctg	caggatcna	tcnattcgaa	ttcggcacga	60
gggaacttac	ccatggggac	taatntggaa	aaggctctgc	catagtggnt	ccctgaagac	120
tggaattact	tcagcaaaac	ttncctcatga	acagctaata	tgtanngaaa	gantgancta	180
gcaaagtgt	tttaccgggg	acaaaaaatc	aagcanaana	gtgaatgctt	agaaccttct	240
caaagcantc	acaagtacag	acacttcact	tagcctaggg	ggccttccag	ggttcttctg	300
gctgntgtca	gagcaggagc	tgggggaggg	aagacttggt	ctctctttct	tgaggggtgg	360
cattaggaac	ttacgaaacc	anagaccttt	ccctatgact	tggcagnatg	tgaatatcct	420
ctacacttag	ttattgataa	acttcttaaa	gagatctgct	attttcaggt	agtgccataa	480
tctgcactta	ncattggctt	gcttcagttg	ggcctcttcc	cancaggtat	gcccagggtga	540
actttcgagg	ttgtcattaa	gtaagttgtg	aaatttctgn	aataacaaag	gcagtcnngn	600
attctttctt	tttccnccaa	attcctaagg	caaaactttt	ttatggngct	ggtnacatgg	660
ggagtnacac	aaccnctga	ctttttctca	ttgccattgt	aatgactgat	gganaacccc	720
accnctggg	atccaaatga	caattgtgct	gaaaaaccna	tc		762

<210> 5066

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(746)

<223> n = A,T,C or G

<400> 5066

agagnnnnnn	tnttgtctac	taatagntgg	gttggntnnt	tnttctncac	gcannccagc	60
gnntcgaatt	cggcacgagg	tccatctttg	tagctgacat	gacacatttt	aaaaatttca	120
cattaaaatg	aaggcatcta	atggctccat	tatgtctttt	agagtgggtc	ggcccagcta	180
attgcatatt	gaaatacatt	agatttgtca	taaattactt	tcctttattg	tcttttctgt	240
caatcttagg	acattaaatg	tatatgtttg	aaattgtggt	taggtagggt	atctgagcat	300
ttggttcana	tagtaaagag	agtgttataa	gttcaactga	agccccaggg	gctttgggac	360
tgataggggt	tagaacattg	cactagggga	aatgaattgt	aaagtaatgt	tntttctcta	420
gactaatgat	tcagctgaat	taatactttt	aatgtgaagc	atttttaaag	aaagcaaacc	480
agcctggtgc	ggtggctcac	acctgtaatc	ccagcacttt	gggaggcaga	ngcgggcccg	540
atcacgaggt	caagagattg	agaccatcct	ggccaacatg	gtgaaaccct	gtcttacta	600
aaaatacaaa	aattagctgg	gcataatggg	cntgcctgta	gtcccactac	ttgggangca	660
nangcaggag	aattgcttgn	accggggana	tggaagtgtc	atgacccaaa	tcgggcccctg	720
nacttttacc	tgcacananant	gagant				746

<210> 5067

<211> 732

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(732)

<223> n = A,T,C or G

<400> 5067

gnnagnnnnn	nngngnnntt	tnagatacag	gctacttggt	ctttttgcag	gateccatcg	60
attcgcaagc	attcaagaaa	taatggtgag	aatagcctgc	taatagcatt	attccatattg	120
caggttgatg	ccgccttacc	tttggacatc	ctaacctatg	aagagaagac	cttggtcagcc	180
atcttgagaa	tatgtagcag	tggtcttggtc	aaattgtgga	gctctttgac	cctgttagga	240
tcctataaag	gcaaaaaatg	tgctttccgg	gtgattcaag	tttctccatt	tcttcttgca	300
ttatctggta	atagtaggga	actagtattg	gattgaatga	ataagtcttc	cattttggaa	360
acgttcattc	actctcatat	ttattttttg	gtgcctgcat	gtttgaagac	tgaagcaggc	420
taaaagctct	tgatgaaatt	tgaggggtgct	gaagatgttc	ccactaattt	ccagccatca	480
cctttggtgg	ggtgggcttc	ggaggacaag	tctgtctgaa	cctgccagtg	ctgacctgc	540
agcactttca	gcatatgcac	atcaaaagtt	ggagaccgcg	cctgaactta	nganggcctt	600
cacacagact	gatgtggcta	cccttctcag	aattaacagg	ggatgtcaat	cctttgcatt	660
tgaatgaana	ctttgcaaaa	cacaccaagt	ttgggaaatn	caattggnca	tggaagttt	720
tgacaacgga	ct					732

<210> 5068

<211> 820

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(820)

<223> n = A,T,C or G

<400> 5068

gggntttata	tatcagctct	tgttcttttg	caggatcctt	cnatcggtan	ncngnnccgan	60
ctganttcgt	acnnagnct	gctnntacct	gggctnactg	gannnctcca	nctacncagg	120
cagnaggatg	gnagctnaac	tnccangang	agcttgacaga	gnncctgnna	tccgtgccac	180
tgactccag	cctggcctna	cancanccgn	gactcnngnc	tnntaancct	aaaagnctcn	240
ttatcagcat	gcntcccat	ganagngtcc	tacatnctgn	gacattcacc	tatatccng	300
ggncctntta	attnncaacn	actgctctta	gangtcttag	nottttatgt	taattctnat	360
aaatncnatt	gaatanatat	tatncccaaa	tcttagtggt	ngcatnttag	ctattnaanc	420
ctntccaang	tangttaaag	gccaccgttt	tengatnaat	nctncntttt	atantcnatc	480
tggaatanag	catttctntg	agaataaaaag	anagtttntt	tnaanaatag	gatcttttng	540
ncccttcggg	ncgncctttt	tgncctntag	ctgctttggg	gcaantntga	agttgagnga	600
tennctttgt	agccctagga	atttccanan	ttgcnctgnt	gtnantggaa	cttctnancc	660
ttgtgcean	agnantnatn	nccctntnn	tttttaaaaa	nnaattngtt	tcaaaantcg	720
nccttnttt	aataggcttn	anatgnttat	anaccnnggn	cnaagttntn	caatcttnan	780
tccctttnag	nntccnaatn	aatntaaant	ccttnaatng			820

<210> 5069

<211> 833

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(833)

<223> n = A,T,C or G

<400> 5069

nnnnnnnatn	atnnnnntnt	nnntntntn	nnnnnnntnt	ttnnnnntnt	ttggtgaggt	60
naatcttctn	ttancctcca	nnntntcgntc	tnnttgcant	nccngtcgat	tngataact	120
agtcaataag	gaacaggatc	aacggccact	ccaccatgg	caaateccaca	tgcaggggnt	180
ctncaccaag	gttcagcct	ncaaaagtga	anacgcctg	gaacagcnag	ggaggtnaac	240

aataattnaa	nananagaan	ggaataacgg	cnnaagaaaa	ngaaaaanaga	ancgaaanaa	300
ctaangntng	aaaaccaccc	ggaaaactca	aggaatcaca	atcctaanaa	gcccaaaaag	360
ggacaggang	ctnancttga	ngctgggtgg	gaggaantcc	ctgaggccaa	tggtctnca	420
tggaananga	gnagaataa	gaancanngc	aaggacancn	ccncttagga	atangcacgc	480
gttggcgcng	ggaaaacgaa	ncngangcac	tctgaanttt	aaacatattc	tnagaaacaa	540
caanatnaag	cttcagaaac	attctgaagg	gcnganaacc	agaataccat	naagctcctg	600
caaaaagtta	attnnnctgg	aagggaacta	ttaaancatt	ctnaaacaag	ccccaaacaa	660
tnaaataacc	ctcaaaaagc	taangaaaaa	agtttttntc	tantactaca	caggtgacca	720
gatttagcct	tnaccagatt	tccaaanaag	gaaactncct	tgggtcattc	ttttaacaat	780
gaaaaattta	tctacntaaa	ncctttcctt	tttaantttt	tttaaaaagg	gng	833

<210> 5070

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (741)

<223> n = A,T,C or G

<400> 5070

agagnnnnnn	nnntttgtct	tntggctctt	aanaggcttg	gctacttggt	ctttttgcag	60
gateccatcg	cttcgaattc	ggcacgagga	gccctcttat	tgtatatact	gaacgcattt	120
ttaaattgaa	gagatactat	tctgtgtatc	tttgcaggcg	aatgagtcct	aggttggcca	180
gtgtctcact	agttgagatt	aaatttttgc	ttatacttgt	tgatttgact	gccttctgaa	240
tagtattagg	aacacattgt	aaatttggtg	ttgatggctg	gctgaagttt	tccagcacat	300
ttcttgaggt	tgccaagttc	ttctacaatg	actgaatcta	ctcttcattc	attctagtca	360
gcagtctcac	acttaattcc	aaggtttact	taagattttt	ttctgaaaaa	gcaatgcttg	420
ctttccatat	ttgcatattt	tttctctgcc	ttaatagcag	aaacaatggc	ttcatcttgc	480
atttgtatca	gattctttcc	attgatatat	cttgtcctta	ttagctagtt	gtttccctact	540
gggtgcagtg	gcttatgcct	gtaatcccag	cactttggga	ggtcaaagcg	ggaggattgc	600
ttgagcctag	gaattcaaga	ccagtctggg	caaaatagtg	agaccccatc	tgtcaaaatg	660
aaaaaaaaaa	aaaaaaactc	gacctntaaa	ctatagttag	tcgattacgt	agatccagac	720
atgataagat	ncatggtgag	t				741

<210> 5071

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (760)

<223> n = A,T,C or G

<400> 5071

ntttttnaaa	acnacangct	ncttgtgcan	gateccatcg	attcgaattc	ggcacgaggg	60
tggtctcgnc	tgtngctgng	gtttcctgag	ttgctgctgc	tgcggcgggc	gcagcggcgt	120
ctgtgcttgn	ggaggtgtcg	gccntggggc	ggatgttgac	attgtgttgn	tgttatngct	180
gatggtaatg	gcncggcgcg	nggcngctga	cggctccagac	cccatccact	ctgtagccgg	240
agccganaca	gccgacagcg	aactncncgg	cctcgnatcc	ggcagcagng	gngactnccc	300
tcagcctgcg	ccgcctnncc	cgncggtgcc	cnngagccaa	cccngggagt	cangncctnt	360
nngcatggga	gctcgnaagc	tnangatggn	ngatttacac	aaaanctatg	atgaatagga	420
ggacnaggan	cggccctgga	ggagcagctg	ctcaattact	caacggaccc	ggtggctcgtc	480
ctcggatccg	gtcanntcan	cgtatnagga	ctgagcaaca	aatttgaaatc	tgaattgcct	540

```

anttcattaa ctggaaaant cactcctgaa gaatttaaag ccngcattaa cattantnac      600
aagttggatt aanaaaaaacc ttctgtaaat gtccgttntct ncttagngga ngccttnnat      660
tgctgctgcc attangtnen ntttgtggcc agtnnttggc tnaattaaag aacnctaaaa      720
ngttgagnat ttantagaat gggaaaancc atccgttntnt      760

```

<210> 5072

<211> 742

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(742)

<223> n = A,T,C or G

<400> 5072

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gntttactna tatcagctct tgttcttttt gcaggatccc atcgattcga attcggcacg      60
aggaccgcca attctaagat tgtagtggta actgcaggag tccgtcagca agaagggggag      120
agtcgggtca atctgggtgca gagaaatggt aatgtcttca aattcattat tcctcanatc      180
gtcaagtaca gtccgtgattg catcataatt gtgggtttcca acccagtgga cattcttacg      240
tatgttacct ggaaactaag tggattaccc aaacaccgcg tgattggaag tggatgtaat      300
ctggattctg ctagattttcg ctaccttatg gctgaaaaac ttggcattca tcccagcagc      360
tgccatggat ggatttttggg ggaacatggc nactcaagtg tggctgtgtg gagtgggtgtg      420
aatgtggcag gtgtttntct ccangaattg aatccagaaa tgggaactga caatgatagn      480
gaaaattgna aggaagtgca taagatgggt gttgaaagtg cctatgaagt catcaagcta      540
aaaggatata ccaactgggc tattggatta agtgtggctg atcttattga atccatgttg      600
aaaaatctat ncaaggattc atncctgtca acnatggtaa aaggggatgt ctggcattga      660
caatgaannt ttctgagcct tncatgtatn ctcatgccc ngnattaacc tcgtnttnac      720
ccnaacctan ggatgatagg tt      742

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<210> 5073

<211> 732

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(732)

<223> n = A,T,C or G

<400> 5073

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gnnnngnnnnn nnnngngnnt tttatatcta ctggctactt gttctttttg caggatccca      60
tcgattcgaa ttcggcacga ggcccagagag ggaacctcct ccgctggggg acgggaagcc      120
caccgacttt gaggatctgg aggacggaga ggacctgttc accagcactg tctccaccct      180
agagtcaagt ccatcatctc cagaaccagc tagtcttcct gcagaagata ttagtgcaaa      240
ctccaatggc ccaaaaccca cagaagtgtg attagatgat gacagagaag atctttttgc      300
agaagccaca gaagaagttt ctttggacag ccctgaaagg gaacctatcc tatcctcgga      360
accttctcct gcagtcacac ctgtcactcc tactacactc attgctccta gaattgaatc      420
aaagagtatg tctgctcccg tgatctttga tagatccagg gaagagattg aagaagaagc      480
aaatggagac atttttgaca tagaaattgg tgtatcagat ccagaaaaag ttggtgatgg      540
catgaatgcc tatatggcat atagagtaac aacaaagaca tctcttttnc tgttcagtaa      600
gagtgaattt tcagtgaaaa gaagattcac gactttcttg gtttgccagc aaaattagca      660
gccaatatth acatgttggg tatattggng ccaccacttc cagaaaagag ttagtagagg      720
atgaccagg gc      732

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<210> 5074

<211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(772)
 <223> n = A,T,C or G

<400> 5074

gnnttttctaa	ngcnnngctnt	ctttctgengc	tcnnncnadc	cgtgnntaca	cancacgncg	60
angnntntct	gactnttnnn	ctatgtaata	ngcaggngta	gttgnntntn	tgctgccatg	120
natgnatnna	catnnatgt	gcagtgtctn	acgtaatacn	ctccnatnaa	nctngttggn	180
cntactnntc	nncaacntgg	atatgncant	ttgncagna	cnantgntgc	anattggaan	240
atgatggcct	nactcttacn	atgtgattgc	ctatatgncc	tctnnacctt	gaatacntnt	300
gntatncnan	ncanagtnt	aaaggatgnc	natnatagca	gcncctcttn	naaataagga	360
aacntccttg	aataatgtaa	aagcctcata	tacaataatg	aataataaag	aataatgtga	420
aggcttcatt	caaggttggn	gtttgccaga	tcattgcaac	aaaatgacag	agcanccaac	480
gtatttanga	tagtggccaa	agtattgtaa	tgatggctta	tgagagtgtca	gctggataaa	540
gagtgaaaat	gactaaaaac	taatggattg	ttcagtcgaa	tagcanatgg	tcaatgggtca	600
tgccagctat	aataggggga	cccaaataana	aattggaaga	cccagtcana	agtggggant	660
tgatcaattc	canccaaaag	tggaatggg	caggggaatc	ggtaggcccc	anggttccaa	720
aatgtttacc	agnggncaat	ttgtttggcc	ccatggtggg	gaatccaang	gc	772

<210> 5075
 <211> 750
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(750)
 <223> n = A,T,C or G

<400> 5075

agagnnnnnn	tnnntcttat	cgcctaattg	ttggctactt	gttctttttg	caggatccca	60
tcgattcgct	gtgaagacct	ggaaacagac	aaaaaagagc	ttgccaagct	ccagactgtc	120
cagctggatg	aagatatgca	agacttatga	actttatttc	ctcctcacct	ctttttggca	180
tcagcggcaa	atcttttcat	gaagccccaa	ggacacaaaa	cattttccca	tttaaaggaa	240
aacactctag	ttttgcaagt	atatgcatac	aagagacttt	agattgatct	gcatgaagat	300
cacagttaag	tatacaggag	tagaactgca	ttattgcagc	ctttttgttc	acttataaat	360
ttctctttta	aatagatgga	gacaaaggac	aaggtgaaat	gtatcaagtc	aaagtgaatc	420
atthagttga	ctctataatt	ctaaggtcaa	aatggaactt	gatagttttt	taaattaaaa	480
aatgtatata	cctaacatag	aaaattaaag	atagctgcag	accattagaa	ataatacaat	540
tgtttttggt	tactttttact	ccatgggcat	tgaaaagggt	aagaaacata	aatgggtccat	600
atttttaaag	ttaagtagca	tgcatatata	tatgcacaca	cacctctttt	tcagcatttt	660
ttgagaaagt	cttgggggtct	caaacacatt	tgtctcaaca	catttccaaa	tgtggattct	720
aatagctcan	tgtggctgaa	aaagtgccna				750

<210> 5076
 <211> 761
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 5076

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agnngnnnnnn nttntctnnn ctactanctg nttggntggt gtttctgcan gcaggcnntc      60
gattctaatt ctgccgnacn cngagtaaa gctggaaaat nacctataaa taatggcana      120
aaaaaagcta acaatangga agaggaacta tataaaagga acatttgag catagaagag      180
agttcatgga aatgtnaaaa atgatggtac cctggggttg atatagtaag taaaaaacta      240
agggtgaagag ggtcatgaaa gcatctagaa gtaggagga aagccagtca aattcacagg      300
atgaagtcag gaagataatn gagcagtgcc cgcaagatcc tgagggaaaag caagttccaa      360
tctataagtc tgtaaccctc acacctgatg gcccttgaa catattcagg gcttcaaaaag      420
attgatctgt catgcaccgt ctgccatgat actgtgtgag gatgtgttct tcttcttaaa      480
cattaaatca agaaagaatc aacagtggac ccagttaata gcngatcagc cnaggataag      540
atgccctaga agatggtgaa gggaaaagtct cagaactact ggtcttcagc aggcagcgaa      600
gacacctgat ccatattgga ntggtgggga tgcgaacttc aggaagggat gcccccaagg      660
aaaaattggn aaggngtgat gactgncttc aanaggttcc aggtctttta aaaattttcc      720
ctnccaaccn tcacntttgg ctttngaaan ccncgctga t                          761

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<210> 5077

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(765)

<223> n = A,T,C or G

<400> 5077

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agnngnnnnnt tttntctctc gcctaagtct tggctacttg ttctttttgc aggatcccat      60
cgattcgaat tgggcacgag gacnancct ngcgctgcc tntccangat gtctacanaa      120
ttggtggtat tgggtactgt cctgttggtc gagtggagac tgggtgttct aaaccnnta      180
tgggtggtacc tttgtccan tcaacgtttc aacggangta aaatctgtac naaatgcacc      240
atgaactttg agtgaagctc ttcctggnga ctatgtggnc tncaatgtca agaatgtgnc      300
tgnaangat gtcccgacca aggcaacgtt gctggtgacc gcataaatgn cccaccaatg      360
gaancatctg gcttcaactgt tcangagatt atnctgaacc atncatgcca aataagntnc      420
cgntnatnnc cctgtnttgg attgccacac ngtttacant gcatgcaagt ttgntganct      480
gnaggaaatg attgacnncn ntctgnntan aagntagccn atggccctan attcttggtg      540
tctggtnatg ctgncatngc tgatatggtt cctgncaaagc ccatgactgt cgaanagctt      600
ctcaagacna tncaaccttt ggntcncttt cgtgctacga ggatattgng caccggacag      660
ttgccgnagg cnttttgatc aagggcccnt ggacaaaaaa gctggtcgaa cctggcnaag      720
gtnaaccaan ncttccctc aaaacttcan naaggnnnaan tgcana                          765

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<210> 5078

<211> 969

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(969)

<223> n = A,T,C or G

<400> 5078

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annnnnnnnnn nnnngncnnc nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nccnngnnnn      60
cnanncnann ggggnnnncc gntnaaaacc ggtngcccn ggcncgggc gggngggcnc      120

```


nnanccgaat	ncngcacgna	cggggccgnc	ggnggggaccc	tgggntgggg	gcnagaanca	180
nccgacgcng	gccagaanag	ggggngctggn	gncccaagan	agaanncatg	antagnacac	240
tgganacnaa	anccgtgtgg	ggacacatga	ancccnanc	ccatgngtcg	nancctgccc	300
anaagtgant	gtgnagntna	ctggaagtgtg	gggntccaac	cgncaaaccg	tgggatccca	360
aaacnncang	ncaagccagg	accttngcac	agcccgnaaa	ggnanatncc	cnctnaannng	420
tctngagacc	cgggntgnct	gggggaaaca	gcaggcccgc	acantgnnng	gngtngggac	480
ttancggaaa	catgggtaac	gtngcancag	cgccacggga	gtccaacccc	tgaaaaatacc	540
caganctcgc	gtgnanancc	aaccgngnnc	ccaaaacaaa	gcnaggggnt	atgggnttaa	600
aancccccna	nttnaanagc	ccnccgnggg	gnaannangn	agnntttttg	ggancccaaa	660
ancccnngga	gggggcccag	ganncgaaaa	aangnatncc	cnttnaaaag	gncnccanga	720
actnanaaag	gganaaccan	nntnccgngc	ccaattnnac	ccccaannc	aatncccnnt	780
tccgtgcngn	cccaatnate	cncnagntnc	cattntggcc	ncnagngng	ggggnnccnc	840
aaangncttc	ttgnaaacan	atnggggaaa	ccnttttnacc	aaaaaanngc	gnannngggg	900
cccaatancc	accgggnccc	ccccanannc	annggccann	ancntgggccc	tccaaaaaaa	960
agaaanngg						969

<210> 5079

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (748)

<223> n = A,T,C or G

<400> 5079

agagnnnnnn	tttttgtctc	taatggctgg	ctacttgttc	tttntgcagg	atcccatgcg	60
attcgaatgc	ngcncgaggc	nttagttgct	nnttgaaaag	ggaactgcac	ntgatcnnat	120
catggaanga	tagctncact	ncttnccgac	cttggtcaca	ggccgncatg	agganggact	180
gttccantgc	tncngnggcc	nctgnentgn	tnctcatcac	tggnccttagc	tttggagtac	240
ncaactccaa	gtggcccag	tctagactct	atcaaatncc	acactgatag	caacaatgan	300
tgcactctgat	gtgtgctgct	ggcnatctta	agcccaaaat	gcttcaaaga	tnaaacagnc	360
atatacattn	aagatacata	tanaaatngt	nnaattngaa	tgtatacaan	ntagattacc	420
ctaacgaact	tactacaag	aaatncatct	tatatccnng	cacnnaaatg	tgganntnta	480
catgaaagga	tataccgttt	nanaaaccac	atnccatntc	taaagtctga	ntgagaaggc	540
ntggactact	aaacctggat	tactgatnaa	atttcaaaan	gancttgatt	ttgctagcag	600
aaatcnttac	ccngttctcn	agcttctata	ancagttctt	gaagggatta	nacagctggt	660
cctctntcca	aattctggat	taatttcagc	tgtgtatttc	cnannnaatc	tttcagcctc	720
tagaactata	tgagtcggnt	tacgtann				748

<210> 5080

<211> 949

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (949)

<223> n = A,T,C or G

<400> 5080

gnentacttt	nttatcntan	cactctgctt	tncgatcatca	tcgantccta	tnatgtgggt	60
tnacctnatg	cgggnntaan	ccagnaacan	cntggcccat	gtnnccntga	actcacattn	120
tgttcatgna	ttccagaatt	nttnantgga	nagattaata	gncagaaacc	ccactaggna	180
canatcacna	nacngacgct	tntagcttgn	agacctntta	ggcanaaaagt	annaannana	240

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ntnggatctt gcngncctta atctcttccn ggaananggg cctatagntg gcnacttgga 300
aaacacggcn ctgntccann gtttnntgcc ccnnaccoga gacaccacna gtgtcacctc 360
caaggggggn cttcaaannt tgggggtgcgc ccggtacctn ttgaaaatga aggtcncccc 420
caaatggggn gngagttnnn catncctcgc cccttgnggg ttnatttggg ngaacctcnt 480
tggncctcn tttttacttt tagggggcan cccccatttt cncctttggg acccccttng 540
gattttgtcn ccttgggaaa acaatttttc ggggnccaaa actttanaat tnaannttgg 600
tttanagcna anantgtggn cccaaaatgg gtacangggg gttnccccaa caaaagccgg 660
ctctttttga tattgcatac ctcaatnccc acttgtcaat cnttttttaa ttactttanc 720
ctctaacata atgaatntta ncgccctnan aattccntcc tganatacat gtgangcctn 780
ttgcctgana aantgacacg aatnattttt naanngatct nntgannnnn nctcancata 840
cgatatnta cntctngnct tnagaanaact cttttattnc ctggnagatn aaaanggtan 900
cantntaang ctntnttgtc atcctcanag ganttaangc tataaaaann 949

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<210> 5081

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (779)

<223> n = A,T,C or G

<400> 5081

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ngnttnaaca cctgntgtcg ttctgcagga tgnanganen ctnngnttcga angngcnang 60
ngtgcatgat nctgnccnnn nattgctagc gntaanaccc ncgaggaggt atggatncct 120
gnaaagcnct ctggtccttg ggaanccnnt ccttnngtgc ntntttattac tagnaattntt 180
canaagattn tgagatgctc ncagtgtcnc attgctactn tnattgtaat cattatggga 240
ttgatacgct gtcanaanta ctgccagcgg cagctggagt tgcttngcat ttcacagtac 300
anacagnaga ctatgtnaat aatnggcaga anaattctac tnnngctgtgg aattcccaaa 360
ctaatatggn ccagaaacta gctaatacnaa tcanttatgt ccaacaaact gtaatgnggc 420
taggagattg agncgttagt ctagaatata gaatgcagnt acaatgtgat tgggaatactt 480
ctgattnttg cattactcct catctgtata atgaaagaca gcatgagtgg gaaagagtta 540
agaaacatnt gaaaggncat actggaaatt tacttttagat attntgcaac tgaaggaaca 600
antttttcaa tctttctttg gcacatctgg acacttaatg ccaggaactg aagttgcttg 660
gaaggcgctt caaaatggga ttaagcaact attnaccca ttaaaaatgg atcaagacca 720
nnaaactana anaaaaactc gaacctntta aaaccattan tgangtcgga ntaccttan 779

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<210> 5082

<211> 935

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (935)

<223> n = A,T,C or G

<400> 5082

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atgggnatgg nnnnnnnnnn nnnnnntttt ttttgtttaa aaaccctttt naaaaatttgg 60
gnaccctttt nggggtntaa attanaatcc ctnttgagg ncttnntacn ctccctcnaa 120
naanttaana cactantatg gccgtntttt tccnccnta ctttgntnt acacccccat 180
tgtgcnaaaa gntnncgcaa nnggtnncca ccaaacttg acannctcta tagtaanttt 240
acnacnncac ttgnncactt cgccanctct tnaacgcan actagtagca gaagtactcc 300
acccttnaan aaaacanaca actaangccc ttttactgcc ctcatcatcc nnttangnac 360
ctgcttacct atgaatgcct nttanacata canatntaat acctggaaaa tcatccaccc 420

```

ngcccncata	ttcaaacnan	acaacacatc	cnnacactag	anactcttgc	ccccacatcc	480
tcaggtnchna	caaaacanaa	aaggnttnct	ncncatantt	cttactggcc	ntnccctgaac	540
tangnaccgc	atncaaacca	cntcatcnct	tantannttc	ncttgctcct	tagccagctt	600
ctgncctgan	aaccnccaan	ctggaaaaac	acatctnccn	anatccattn	cttgngatca	660
caaanacnnt	nnccgcggn	ctcaannncc	tactcaaaga	tccactgtcn	catctgnccc	720
cctanacccc	tttncntang	cattcctaac	ttntnanaca	aactgcttta	cncttagtnc	780
anggaactnc	taccttgcac	catcncccnt	tttntcntna	ctttcttcct	ttgatcccta	840
cncttcaaag	ggccttnnga	ancnttgacc	cnanaatnaa	atttaattcc	cnctntttgg	900
aggngtcctt	cnaaacnna	ttntntaaaca	ccccn			935

<210> 5083

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (752)

<223> n = A,T,C or G

<400> 5083

ggnnttnaan	ntcagctcct	gttctttntg	caggatccct	cgattogaat	tcggcacgag	60
gcaagacagc	cacatttgct	atttccatcc	tgcaacagtt	ggagattgag	ttcaaggaga	120
ccaagcact	agtattggcc	cccaccagag	aactggctca	acagatccaa	aaggtaattc	180
tggcacttgg	agactatatg	ggagccactt	gtcatgcctg	cattggtgga	acaaatgttc	240
gaaatgaaat	gcaaaaactg	caggctgaag	caccacatat	tgttggtggt	acaccoggga	300
gagtgtttga	tatgttaaag	agaagatacc	tttctccaaa	atggatcaaa	atgtttgttt	360
tggatgaagc	agatgaaatg	ttgagccgtg	gttttaagga	tcaaacttat	gagattttcc	420
aaaaactaaa	cacaagtatt	caggttgtgt	tgctttctgc	cacaatgcca	actgatgtgt	480
tgggaagtgc	caaaaaattc	atgagagatc	caattegaat	ttcttggtga	aaaaggaaga	540
attgaccctt	gaaaggaatc	aaacagtttt	atattaatgt	tgagagagaa	ggaatggaag	600
ttgggataca	cttttgtgac	ttgtacgaga	cacttgacca	ttacacaggc	tggnatTTTT	660
ctcaatacna	ngccncaagg	gtggacctgg	cttgactgag	aagatgcacg	ccnngagact	720
ttacagggtt	ttgcttntgg	cttcgcggga	at			752

<210> 5084

<211> 728

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (728)

<223> n = A,T,C or G

<400> 5084

gngngnnnnn	nnnnnnnnng	nnnnnnnnnn	gnnngttttt	taganacagc	tcttgttctt	60
tttgaggat	cccatcgatt	cgcncctacn	aagngntnag	ccnactncnc	ntcaannnna	120
nactgggcan	ggatnagact	catannaaca	ttgtgctgca	ttgagcaccn	cagattcagg	180
gagccatcac	cactacatgg	canattgtga	tctataaatt	gctggggcat	natcacatgg	240
ntccattntc	nnaatggnga	aggatgcttg	cacctatcga	ncngggctat	gttnagtatn	300
cctggctcatt	ggctaaactc	atagctnanc	gtaancggan	tataaccatt	gacctatgct	360
ngtggacatt	tgacaccatc	agtgtactta	tnngantgat	cactgatgcc	tcacgacacn	420
gacctttatc	aaaggacatg	atggccagg	cctcttgang	cntaccgtgc	tatcccgaa	480
tgttgctnct	nctntngggg	aattttcaac	ctgaggntnt	gaaataatgg	ncaaaactcac	540
cancatggct	tganggcnta	cacactggnt	gtnaaacaac	taattgactg	ngatacagaa	600

ggntncnntg	ncnacttctg	naggatagat	ctnagaattn	tttagctgta	ggctacntna	660
gaaatcggta	caccctccat	cganaggcca	tgatgtcnat	ngtacacaac	tnaccatnnc	720
ttcatgta						728

<210> 5085

<211> 870

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(870)

<223> n = A,T,C or G

<400> 5085

gagaagnrna	ntnncggana	gnnnnagtnn	gccagttcca	aaccnggaaa	cgccttcgcn	60
aagngggngg	gnnggnacnn	gnaaggcgca	nccggnnccac	cnanccgngg	ncccnaggac	120
caggncgcga	cccnncangc	gncnantgga	ccccaaaggag	ctcnanngcn	gcnnacancn	180
annaccgggn	ncacannngt	agcaagaaga	ggggancgnc	aagcagnnga	aagcagcngg	240
cgaacancaa	nccgangnan	nannanacag	gaacacccga	naaggaagcg	gacctatanc	300
cnangcccac	aaganaaaaga	caccangnnc	catgcttacc	anagggaggc	aagcnnaatn	360
gacanccnac	ngcanngaac	ctgnacacgc	ggatggacac	ccngcgcgng	nngngaatag	420
acggacggac	agncaactan	gccccaaaang	canngccaan	ggngngnccg	ccaacngggg	480
acagtgaaca	agngcnattg	nggngngngcn	ggannacacc	ancatcnnaa	nggcannagn	540
aagcaccgnc	naggnncngga	cannanagcc	ctgcnangng	ancnccnaac	cangaacana	600
nnanggnacn	angaannnnan	caaccnnnnn	ggggaanaaa	acccanccac	gangaacaan	660
ngnaccnngg	accgtnggcc	cananaaaac	gngncncnaa	ggncacgant	cncanancgn	720
ggggccnnna	cnaagcncnc	catcnanang	ngnnaagctc	cgngggcgagc	anannggana	780
cnacacccac	gnnnngacac	ggaaaaccac	cgncagaaac	cnnacgngan	cncccanang	840
nggncancna	ancaanagng	cccncccccc				870

<210> 5086

<211> 870

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(870)

<223> n = A,T,C or G

<400> 5086

gagaagnrna	ntnncggana	gnnnnagtnn	gccagttcca	aaccnggaaa	cgccttcgcn	60
aagngggngg	gnnggnacnn	gnaaggcgca	nccggnnccac	cnanccgngg	ncccnaggac	120
caggncgcga	cccnncangc	gncnantgga	ccccaaaggag	ctcnanngcn	gcnnacancn	180
annaccgggn	ncacannngt	agcaagaaga	ggggancgnc	aagcagnnga	aagcagcngg	240
cgaacancaa	nccgangnan	nannanacag	gaacacccga	naaggaagcg	gacctatanc	300
cnangcccac	aaganaaaaga	caccangnnc	catgcttacc	anagggaggc	aagcnnaatn	360
gacanccnac	ngcanngaac	ctgnacacgc	ggatggacac	ccngcgcgng	nngngaatag	420
acggacggac	agncaactan	gccccaaaang	canngccaan	ggngngnccg	ccaacngggg	480
acagtgaaca	agngcnattg	nggngngngcn	ggannacacc	ancatcnnaa	nggcannagn	540
aagcaccgnc	naggnncngga	cannanagcc	ctgcnangng	ancnccnaac	cangaacana	600
nnanggnacn	angaannnnan	caaccnnnnn	ggggaanaaa	acccanccac	gangaacaan	660
ngnaccnngg	accgtnggcc	cananaaaac	gngncncnaa	ggncacgant	cncanancgn	720
ggggccnnna	cnaagcncnc	catcnanang	ngnnaagctc	cgngggcgagc	anannggana	780
cnacacccac	gnnnngacac	ggaaaaccac	cgncagaaac	cnnacgngan	cncccanang	840

nggncancna ancaanagng cccncncccc

870

<210> 5087

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (759)

<223> n = A,T,C or G

<400> 5087

agagnnntnn ntntttgaat cctaattggct ggctacttgt tctttntnca ggateccatg	60
cgattcgaat tcggcacgca ggggcgncce atcttgtggn tcantnncta tgcctnctcc	120
cntgaccacc cgacagacgt ggactacang gtcagtntca cngntancga attctacacc	180
angctgatng gctttgacaa nntccnctn tancagttgt ncaaateccac tatnnncngcn	240
aactcgaggg tcangccnaa cngtaacnat ggccagttag ggnacctacg caactgnaact	300
ccganngttg tatggagaaa ctggttagacn tcaaagactg cctntccgct tngtggtnc	360
ngcnacagag gangangtcc tacgtgnntg agggtnccnc cnttgggggt atnnnnancgn	420
antaggnnta ncncgtggacn ganctggagg cgcagtacan cacatgatgc tttntgaggg	480
cctgaagatn atcntgancn acangtgtcc ngtgangccc tgtgantnca ttatcatgta	540
gatttaggtn gangaatgnc ctgggacana tgtttgtaca tagngggccac ctatganttn	600
acagantatc tcataactna tcagattgct tnacngtctg ggnancnaac tcaatcattg	660
gnaanntctt gcatgctatn cccaatgggt ggatngcctt nancttaaan ataangntgn	720
tttttatcaa nngggcanan aaaccgtntt annngggt	759

<210> 5088

<211> 738

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (738)

<223> n = A,T,C or G

<400> 5088

gaattgctct gtgtttttgc aggatccatc gattcggnag tgnagnagagg cncacacnt	60
ntnggataaa tgcactnnan nctncngcc ttgaanttcn nnaggggtca nnnctnctac	120
tcacnggnag gngngccna agananctgt gggtnctgnt ggatnaannn gtnattgacn	180
gccctggnet ggntcaaaac ncnccctag tcntcangct ncagggttag gnacanaacng	240
aatntacntc tcctntgnga ggnatcntac tattncgtna tggnnanent aatgctccac	300
annaangtgc ngtngactca cgtgctacg actctcgaga cnnttcntag aagatcattg	360
tcntctntac cncnntngga acttnaacta tgtattgana naaccttgag gatgctatgt	420
ggccacagat tcctntattca atggaaaacg nccnctaca ttatgcangg gnnnctttct	480
gaatcgtgtn gcacntcntt catggggctc naatnngccg cttnaanenc aaatattggg	540
cgtttgcacn gctttgacan tgtgtaannt ctnggtntgc nangetatac ttggacccat	600
ttgccctgta tnggcccttn gcaatggntt cntttcnaag tataactacn ancttncaaa	660
tggncaaagg cctgatnnnt nccattttgc naacgtgctc atttnaanac tgactgnaan	720
cgtttttgac aaaanaat	738

<210> 5089

<211> 856

<212> DNA

<213> Homo sapiens

1761

<220>
 <221> misc_feature
 <222> (1)...(856)
 <223> n = A,T,C or G

<400> 5089

gngnagnnnnn	nnnnnnnnngnn	nngnnnnnnnn	nnngnnngtt	tntnatanca	ngctcttggt	60
ctttttgcag	ggatcccatc	gattcgaant	canctcganc	atggannncc	tcnccctcagc	120
antcnnatgn	gcnnccctngg	cnagntcacn	nttgctgctt	nagnnnttnc	tgtnntnncn	180
aattntgnaa	ngnctttaat	gtggnannaa	tcaggaaaat	gctnctnca	annctttagn	240
nttnnaaccn	tccatattct	taacatntgn	gacatnccat	gggatgcnat	taatattcaa	300
ggnttttatn	cggactnaa	aaatanacac	ttctaccngt	caangttcng	aaanancgat	360
catnccgntg	aancatngna	tgtnnatanc	aacctntgaa	nagntnctca	tttnccactg	420
aaatcatggc	actnatagca	acctttntan	aaggctataa	aaanggactt	gaatgtncna	480
attgcccaag	aagagcgcta	cccttcggga	aggggaancc	tgaatgttgc	aaccactggg	540
gataataant	acccttattg	tcaagaaaat	ggcattgggg	ggcacattca	tntgaatttn	600
ggacctggng	actccttacc	gaaattccca	nccaggttcc	acnaatggna	atttgaagnc	660
ccgtttgnct	nttcgnggac	cagtggggaa	aagcaattaa	aaggccaaaa	tccttcnaa	720
acctttntca	agggttttna	gnaaagtncc	cacatggttt	nnnaaaggct	ttaaggactt	780
gcnttgggga	aangggnaaa	aaccttttaa	attgtaaggc	ccaanggatt	ccggaatacc	840
gccngtacaa	taaaaa					856

<210> 5090
 <211> 721
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(721)
 <223> n = A,T,C or G

<400> 5090

ggnttttnnat	cagctcttgt	tcttttttgc	ggatcccatc	gattngaatt	cggcacgaga	60
gaaaatcagg	gatgtattag	gaaagtaaca	gtctctcacc	agaagccct	ggctcaggna	120
tatgaatatc	agtactgtgg	agaggcccta	tggatgccat	gaatgtggaa	aaacttttgg	180
tcgacgcttt	tccctgggtg	tacaccagag	gactcatact	ggacagaaac	catatgcatg	240
taaggaatgt	ggcaaaacct	ttagccagat	tncaaacctt	gtgaaacacc	aatgatnca	300
tactggaaaag	anaccccatg	agtgtgacga	ctgcattcag	acnttcagtt	ncctttcatg	360
gnttantgaa	cncnanta	cgcncactgn	ggngaancct	tangnatgta	ctgagtgnng	420
aaaggccttt	anccgagcct	acaacctcac	tnggcntcag	anaanncaca	tntgagggaa	480
acactatnta	tgtanganat	gnggnnnnn	ntttannact	ggctnagaac	tcnntngecn	540
cnaanattaca	catactgaag	nmanaccttn	nngatnccatn	gnatgtgnga	aaggcattnt	600
gccgtttctt	gcaccttact	ccnangtcac	ancntnccca	caactcaaaa	cccctntttg	660
aatggtgcng	aatntagaga	aagncctttc	gnnggaatct	cnttntctnt	nnaaannatt	720
c						721

<210> 5091
 <211> 760
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(760)
 <223> n = A,T,C or G

<400> 5091

gagnnttttn	ccncnngaaa	gcccttctga	aatngcttgg	gnaggtcggn	ctnnncncna	60
ngcagcnana	ngcgntggcg	aattcngcac	gcaggcaana	ctttttcctg	gggcaggggn	120
gtcagcnatt	attnaattgg	attattncta	agttngetan	ntgggncann	tgtgnngagn	180
agggagnntn	cetgccacnt	nttctgntnc	ccncttctg	cccacacatg	cagcatccaa	240
agtcattna	ntnaatgaat	ggacanagt	ccgagcanac	nggggcnnaa	ncangnncnc	300
agtcnacgca	tcengnntcn	taggnaaagt	ggtgaccgnt	cncggnggga	cntgccnaan	360
ccctgnnaca	cagncggna	cnntnnangg	acnngcann	ctnggatgtg	cctcaggaaa	420
aacagggcna	gccttcnagn	nccgnatacg	agttnncggc	cttananncn	anaacaangg	480
cncnacttg	cngcatgctt	cactattctt	tnaggcacat	atatnttntc	ttattagntc	540
ctencatccc	atgagggacn	cagtggctna	tgcttgggaa	ancngncctt	nngnangtca	600
aagngggagg	attgctcnac	ctaggaann	aagaccacgc	tgggcggnat	antgngaacc	660
cancggtacg	acttgaagaa	aatatcccta	ancncngcct	tactaacttt	agnngncnca	720
attacgtaag	anccanacgg	atcagtttca	aatnaggggn			760

<210> 5092

<211> 766

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(766)

<223> n = A,T,C or G

<400> 5092

nnnnnnnntt	nnnnnnnnnn	tnnttttnan	nnnnnnnttt	naataattgc	tattgttctt	60
tttgaggat	cccatcgatt	cgaattcggc	acgagcccag	ccccacccca	gccccaaagg	120
aggctgttcg	agagggacgt	cctccggagc	caaccccagc	caaacggaag	aggcgctcta	180
gcagttccag	ttccagctcc	tcctcttcat	cttctctctc	ctctctctcc	tcctcttctt	240
cctctctctc	ttctcttctt	tcttcttctt	cctcatcttc	ctctctctcg	tcgtcttctt	300
ccccctcccc	tgctaagcct	ggccctcagg	ccttgcccaa	acctgcaagc	cccaagaagc	360
cacccctctg	cgagcggagg	tcccgcagcc	cccgggaagc	aatagactcc	ctcagggact	420
ctcggtccct	cagctactcg	cctgtggagc	gtcgccgtcc	ctcgccccag	ccctcaccac	480
gggaccagca	gagcagcagc	agtgagcggg	gttcccggag	aggccagcgt	ggggacagcc	540
gttcccagc	cacaagcgca	ggagggagac	acctagccct	cggccatgag	acaccgntcc	600
tccaggtctt	cataaattgt	ctttggggga	ttccaccaca	cccaatgctc	tggagccaca	660
aggagtgtnc	cttnttccca	cagaccgtgg	ganggtcctt	gctgctttct	ttgaacttgg	720
cagccttgga	tgganggtct	ctttncctcc	cttttttttt	ttttgt		766

<210> 5093

<211> 851

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(851)

<223> n = A,T,C or G

<400> 5093

gagaagannn	nnnnnnnagaa	agnnnnnnnn	naggnagggt	ctaaatnctt	ggctatcgan	60
ctctnagcag	gagcccatcg	attcgaattc	ggcacgaggc	gggcgctagg	cgcgcgccac	120
cagcactnng	ttccagncga	nanatctggg	gcagcgcgcg	gtggaagctg	cgngcngann	180
ggancanttc	tggctcacga	ccttgacgct	agcgcgntta	tcangnggaa	accncgnnnc	240
cacnnnaaca	aaaagntggc	tggatgtggt	gncncncata	cctggaatcc	cagcnnctnt	300

```

agcggcnnaa gcatcagaat cacntgaacc canaacacag gncgcncetga nccaagattg      360
tgcccctgca ttctagcctg ggtgacagtg anacnggctc aaaaagataa aggtgtacag      420
ggantgtata ttcagacaac ntggatatgga agatgtgcta cncctantgn nccangctga      480
tactaagtna acactcnnta cnatanagan ggagatntgg gacncatagg actgnggnca      540
tnttaattan ttcangantg ttttccacna gcnnnttaact ggatttcaca ttanagaaac      600
ntttncagg accctnnaac gggtaaattn ccaacggann nctccaaatg taccaatttt      660
antgccccga atnggggaaaa ttncnacang ncccttttnc anggtatgna canagnactt      720
ttaantnacc cnccantcaa cctnnnacca nttnttttan tccangncan nctaccagtt      780
gtncnaccac aaagnttttn aagnccatt nnnnttngtn aatnnnnggg nnaaacccnn      840
nnacaaattc n

```

<210> 5094

<211> 731

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (731)

<223> n = A,T,C or G

<400> 5094

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ctcttggttct ttttgcagga tcccatcgat tcgaattcgg cacgagattg gattgccaca      60
cggctcacat tgcattgcaag tttgctgagc tgaaggaaaa gattgatcgc cgttctggta      120
aaaggctgga agatggccct aaattcttga agtctggtga tgctgccatt gttgatattg      180
ttcctggcaa gcccatgtgt gttgagagct tctcagacta tccacctttg ggctcgctttg      240
ctgttcgtga tatgagacag acagttgcgg tgggtgtcat caaagcagtg gacaagaagg      300
ctgctggagc tggcaaggct accaagtctg cccagaaagc tcagaaggct aaatgaatat      360
tatccctaat acctgccacc ccactcttaa tcagtgggtg aagaacggct tcagaactgt      420
ttgtttcaat tggccattta agtttagtag taaaagactg gttaatgata acaatgcac      480
gtaaaacctt cagaaggaaa ggagaatgtt ttgtggacca ctttgggttt cttttttgcg      540
tgtggcagtt ttaaagttat tagtttttaa aatcagtcct tttaatggaa acaacttgac      600
caaaaatttg tcacagaatt ttgagacca ttaaaaaagt taaatgagaa aaaaaannnn      660
nnnnnnnnnaa aaaaaactca gcctntaaaa ctntnnngag gcnttttctt anatcccaen      720
tgataaganc t

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<210> 5095

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (755)

<223> n = A,T,C or G

<400> 5095

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gnntttnnnn nnnnnnnttt taagnaattt gcnactcggt ctttttgcag ggateccatc      60
gattcgaatt cggcacgagg attacatagt gacatatatt agcttttcgt ccacatttga      120
taacattgct aatattttct ttttttttta ctgaactctt tgaatttaaa gttttctctc      180
atttaaattt attaatataa aacatacctt tactctgttc ccttttagcat ttcaacctga      240
tgttaaaaga tgtgtatgtg tgatatgtgt gtttgaaatt ttaactttca tcttgagta      300
tttaattctc tgaagcagtg catgactctt gctcttcagc ctcttgagag tgcctcggt      360
ttatattcct gatgatacaa accctggaat ttcttgtctg aagtgtnaac actttatttc      420
caggctcctaa tttgatttga atagtggagg ttcagattca atgcattaat gacagattct      480
atgttgcttc ttcagatttg ccagacagaa aaacctactt atgtgaggaa atcattaggg      540

```


tttttgacta	tcctctttgt	ataatgagac	tctttttctca	ttagatgagt	aaaaagatcc	600
agagatgatc	accagtatcc	cccagaattc	atatatatatt	aattgaaaag	aaacaaatnc	660
tgggattcct	tnctaaaaan	ggtggattac	atttcttgnc	tgnttgnaca	tctttgnnta	720
acgngaagaa	aaataaaaaat	attnattttc	caccc			755

<210> 5096

<211> 777

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(777)

<223> n = A,T,C or G

<400> 5096

gnnnnnnnnnc	tttnaaatcg	cttggcnttt	tgcaggatcc	ctcgattcga	attcggcacg	60
agagcgggnt	ttntnntgnn	tgccnctcat	ttgtngnann	nantngactt	natatntnng	120
atgatnnann	nangtangnt	atgaggnatn	cacatnnnat	tnangntgna	nnatattcna	180
aggnannann	tnncagacn	ntggntgggn	acntntcana	tngttttagac	tnngncaaag	240
gnnangtnac	aacggatnng	accncaccta	nactgagann	acctggancc	tcagnatcna	300
tcnggnaatc	gctcacnnag	tatacttnca	ncagnanntn	taaccttaga	tactcgatct	360
taaacttggn	tatccantnt	aaaaacngtc	ntttcngacg	gntgtnntnc	atcaancagn	420
nnatctnnaa	atctgmnncan	aggancgntt	ttaaactcat	nnctggaate	ctcagatnna	480
ggacccatnc	angnaggntt	gancntgnnt	gccctgttag	cacgnanttc	canntgngtn	540
aactctcaca	atgngtttna	agaacncnaa	aggctggccc	ntgntcntat	gagtgattct	600
ccctncttat	ctngggngnc	ncnattnaat	ctttggaaac	cnaannttcn	ntaatgggtn	660
cccactgggt	nggaaccaat	tngaactgca	ccttcengtn	cctttantng	nggcaaacca	720
aancatncnt	tancattcca	tttgaccctn	nttttttaacn	ttaanacnan	ccttgac	777

<210> 5097

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 5097

aggnntnnnt	ttgnnnctaa	tggttggtca	cttggtcttt	ttgcaggacc	catcgattcg	60
antgangctc	nagcaggccn	catgagatcn	cctgctnggn	ncnttgnnnt	ctnatggcca	120
ctgntatcnn	agccntgnnc	tgaagggtgca	ngctcacgcg	ncggagggtcc	nttgagaccc	180
agnctgcttc	natanacagtc	cggtcnctca	nanctcccac	tggtanacnn	ncatgtagnc	240
actgntgcag	ctgactgcng	nancnnctn	tgtggncaca	ntaagattcg	ccnggccttg	300
cntgannann	tactnntnat	atcnatgant	gctgntgan	nagaactngc	nnntcnatgn	360
ggactgtctt	cagnacccta	tatggcntcc	ntggntctgt	tnccgnggac	natttngcga	420
cngtnaatgt	gcncatttgt	gctctnatgc	cattcnatac	tagattccac	agaaggagac	480
cntgcgatnt	gcttaatan	tgctgntgaa	nagctnntac	cgaatcnnna	nagttcataa	540
aacgcctcct	naggcagant	ctgtnatcnt	cngtagcatc	ccnaatanga	tcgatatgct	600
aacntacaac	tgatgncctg	ngantaatca	anntcttnat	ttantatcaa	tgaaatgctg	660
ctcctggaac	ttaacctgga	atgggtgcagc	tncaagcttn	gtcgnccgctt	cncancttgg	720
tncccgattt	ccnggccact	tannccnttt	gaaanttccc	t		761

<210> 5098

<211> 761
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(761)
 <223> n = A,T,C or G

<400> 5098
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 ctgntatcnn agccntgnnc tgaagggtgca ngctcacgcg nccggagggtcc nttgagaccc 180
 agnctgcttc natancagtc cggtcnctca nantccccac tggtanacnn ncatgtagnc 240
 actgntgcag ctgactgcng nancnnctn tgtggncaca ntaagattcg ccgngccttg 300
 cntgannann tactnntnat atcnatgant gctgntctgan nagaactngc nnntcnatgn 360
 ggactgtctt cagnacccta tatggcntcc ntggntctgt tnccgnggac natttngcga 420
 cngttaatgt gccncattgt gctctnatgc cattcnatac tagattccac agaaggagac 480
 cntgcgatnt gcttaaatan tgctgntgaa nagctnntac cgaatcnna nagttcataa 540
 aacgcctcct naggcagant ctgtnatcnt cngtagcatc ccnaatanga tcgatatgct 600
 aacntacaac tgatgncctg ngantaatca anntcttnat ttantatcaa tgaaatgctg 660
 ctectggaac ttaacctgga atgggtgcagc tncaagcttn gtcgncgctt cncancttgg 720
 tncccgattt ccnggccact tannccnttt gaaanttccc t 761

<210> 5099
 <211> 781
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(781)
 <223> n = A,T,C or G

<400> 5099
 gngntgnnnn nttnnnnngnn agnnnnnnnnn ngnnngcttt ttagatcagc tcttgttctt 60
 tttgcaggat cccatcgatt cgaattcggc acgaggaaat gacaagatcc cacaaaagtg 120
 ctgcagatga ttacaataga attgggttctt cattatatgc tttaggaact caggattcta 180
 cagatatatg caagtttttt ctcaaagttt cagaactggt cgataaaaaca agaaaatag 240
 aagcacgagt gtctgctgat gaagacctca aactttctga tcttttaaaa tattacttaa 300
 gagaatctca agctgctaag gatctcctgt atcgaaggtc tanggtcact agtggattat 360
 gaaaatgcta ataagcactg gataaagcan gagcanaaaa tcaagatggt ctacaggccg 420
 aacttcccaa caattatggt gtcagaaatt tgaaaaata tctgagtctg caaaacaaga 480
 acttatagat tttaagacaa gaagagttgc tgcattcaga aaaaattagt ggaactggca 540
 gagttagaac tgaagcatgc aaagggtaat ctacagttgc tgcagaactg cctggcagtg 600
 ttaaatggag acacattaag ccacacttcc gnctttctgg ttaaaaangg ctggcctttc 660
 cttcaaattt tatttttggg tttcttaaat ggatgggttaa gccttttatg cctcactggg 720
 aaaccaaac aaaaagccac ttggaaaaag gtgcctntnaa cttcctcttt tttctggaag 780
 a 781

<210> 5100
 <211> 797
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (797)
 <223> n = A,T,C or G

<400> 5100

ttacnatnan	tgtgcttgan	ggcttggnc	naaananatt	ggctntggcg	aattcggcac	60
gaggtgagaa	ggttaggtcc	ggctcagact	gaataagaag	agataaaaatt	tgccttaaaa	120
cttacctggc	agtggctttg	ctgcacggtc	tgaaaccacc	tgttcccacc	ctcttgaccg	180
aaatttcctt	gtgacacaga	gaagggcaaa	ggtctgagcc	cagagttgac	ggagggagta	240
tttcagggtt	cacttcaggg	gctcccaaag	cgacaagatc	gttagggaga	gaggcccagg	300
gtggggactg	ggaattttaag	gagagctggg	aacggatccc	ttaggttcag	gaagcttctg	360
tgcaagctgc	gaggatggct	tggggccgaag	ggttgctctg	cccgccgcgc	tagctgtgag	420
ctgagcaaag	ccctgggctc	acagcacccc	aaaagcctgt	ggcttcagtc	ctgcgtctgc	480
accacacatt	caaaaggatc	gttttgtttt	gtttttaaag	aaaggtgaga	ttggcttggg	540
tcttcattgag	cacatttgat	atagctcttt	ttctgttttt	ccttgctcat	ttcgtttttg	600
ggaagaaatc	tgtactgtat	tgggattgta	nagaacatct	ctgcactcaa	gacagtttac	660
anaaatnaat	gttttttttg	cttttttcaa	aacaaaaann	tcntaaaaaa	cctcgagccc	720
ttttanaacn	tattantgag	tccgtattta	ccttanaatc	cagaccctga	ttangatcca	780
tttgntnaag	nnttgct					797

<210> 5101
 <211> 752
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (752)
 <223> n = A,T,C or G

<400> 5101

gnnnttnaan	ngctggctct	tgttcttttt	gcaggatccc	atcgattcgc	gaaggggaag	60
aacagatcct	ctgaaatttc	aaatngaaag	aaaagatatg	ttagaaagga	gaaaagtact	120
ccacattcca	gagttctatg	ttggaagtat	tcttcgtgtt	actacagctg	acccatatgc	180
cagtggaaaa	atcagccagt	ttctggggat	ttgcattcag	agatcaggaa	gaggacttgg	240
agctactttc	atccttagga	atgttatcga	aggacaagg	gtcgagattt	gctttgaact	300
ttataatcct	cgggtccagg	agattcaggt	ggtcaaatta	gagaaacggc	tggatgatag	360
cttgctatac	ttacgagatg	cccttcctga	atatagcact	tttgatgtga	atatgaagcc	420
agtagtaca	gagcctaacc	aaaaagttcc	tgttaatgag	ctgaaagtaa	aaatgaagcc	480
taagccctgg	tctaaacgct	gggaacgtcc	aaattttaat	attaaaggaa	tcagatttga	540
tctttgntta	actgaacagc	aaatgaaaga	agctcagaag	tggaaatcagc	catggcttga	600
atgtgatatg	atgagggaat	atgatcttca	aaaattgaag	ctgcaatatg	gaaggaaatt	660
gaaaccgtca	aaaangtctt	gattcttgag	aatgaatttg	ggtagttgca	gaagatccat	720
tggctcttaa	gangatata	tttgagancc	at			752

<210> 5102
 <211> 742
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (742)
 <223> n = A,T,C or G

<400> 5102

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agagnnnnnn ttttatctct aatgctggct acttggtctt tttgcangat cccatcgatt      60
cgaattcggc acgaggttgc ctgcggcgct cacttccttg gccgcccttg ctacactggc      120
tgattgttgt gcagccggcg ccatgtctgt gagcgagatc ttcgtggagc tgcagggctt      180
tttggtgcc gagcaggaca tccgagagga aatcagaaaa gttgtacaga gtttagaaca      240
aacagctcga gagattttta ctctactgca aggggtccat caggggtgctg ggtttcagga      300
cattccaaag aggtgtttga aagctcgaga acattttggg acagtaaaaa cacatctaac      360
atctttgaag accaaatttc ctgctgaaca gtattacaga tttcatgagc actggagggtt      420
tgtgttgagc cgcttggtct tcttggcagc atttggtgtg tatttggaag cagaaacact      480
agtgactcga gaagcagtta cagaaattct tggcattgac cagatcggga gaaaggattt      540
catctggatg tagaagatta tctctcagga gttctaattc ttgccagtga actgtcgagg      600
ctgtctgtca acagcgtgac tgctggagac tactcccgac ccttcacatc tncaccttca      660
tcaatgagct ggattccngg ttcgccttc tcaactgnaa aatgactccc tgaggaaccg      720
ctacgaacga ttgaaattga cn                                     742

```

<210> 5103

<211> 1245

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1245)

<223> n = A,T,C or G

<400> 5103

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gcntnccctt gcatacctaa nagctggtng ttcttttttgc aggatcccat cgattcgctc      60
tgtgattcag agcccttagt tgagagcccc tgccgccccct gccaccccccc tgcctcgctc      120
ccaccattcg cctccctcag ctgtgcaagg agaaagcatg cttaggaagt tttcagggtcc      180
ttgtgataaa acctccttaa atctgttcag accaagcaat gcgagcttcc tctcctgtcc      240
catgttgga gttgctctga aggggtggta gatgctggaa gccagacaca acctcgctga      300
cgctgctcag ttgggtggaga ctggggctgg gactggagtc agcccagctg ggaggagggg      360
ctggggagga tctgnannng cangcccnan nnatcntntg cntntccctc nctccctctc      420
tnntttatct antccttnnc cctctnnncat tttnatnnnt nnactccctt nnactcnttc      480
nnccantctn tatctccnca tnntccttct ctctannnta nnntcacnct cnantctctc      540
tntacttncn atcacnntca cctctctctc tctannctc atcnactcn tntnnnccna      600
tccnctcncc ccttnaccnn ntnacttana cctcccnatc tctnnatntt canctntnta      660
tctacactct ctntccntct catctacann tnnatctnc nnccatnana cactcctntc      720
tctcacnctc ncncaanttc actcttactn ntactnnntn nctnanacta cncacacttn      780
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ancattcttc tttcattnnn acnccntcat cnnttanccn ctatctnttc tntntccnc      960
tctnnccncc cncactctcn ccatcnccnn ncnctntcna canntctctc cctcccntac      1020
ctccacnnnc tctccnccct ctcatatact ctctctcanat atctcttnnn atnntcacc      1080
tcncacnana cntcaatnct ncttacctta nncntnnan ccatnctnac cctctctact      1140
cttnnacnta ttctcncatt ctnccttcac ttatctntat tntctctntn tcnccntant      1200
ctcncccttt ctcatctccc tnnctcacat cactctactn nctct                                     1245

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<210> 5104

<211> 1701

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1701)

<223> n = A,T,C or G

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<400> 5104
cngggnnacct tctaattgtt cttcntggcg gncctnaaaa attgngcttg tngggccncc      60
tttaaacnnc ntgaaattat ggcgggncctt ggggggggatg anattatggn gtncntnttg      120
ggggcctnann ttnatggtct cccntnnnnn actcnaatgnt ctntcctaan atntcnnttg      180
ntntcctctt cgcngcntta tctnntgtca ntntcntnnt cncctctttn ctcacccant      240
ntnttacatc tctctgncg angcncctcan nnannncnecg cnnccnnnaca tatacctntc      300
tttcnncctc atnnacntat acnnntctcn ctncccatan acctctttnn anctactent      360
nttatccnct ctctactct ctccgtcnen ngttcnann tatcatatac cncctgcta      420
tcgtccctct tcanncttct genaccctct ctncactntc tccctnccnt ngcctanttc      480
atcatnctat cccntctnnc atcccatcna canttctacc actcccanca ccccttctct      540
antctccntc ctntcnaatc tnnnnntttt atatctnnt cncntctecn cctatctct      600
ttctcctntc nctntnccac cncctcctn atntcnctt cncctnnnt cngtntccna      660
cccccttna cctacacac ctctnnnnn acntctcgn tttcctctnt cntctntaac      720
atccactnca nctatctttn atctannctc tanctcance nccnnccat actatccata      780
nccanantnn ttcaanntct ccnaccnctc ctcnncactc tnttatctct ctngnnctc      840
tncnctctc tntactcta nattcttata ctntttenta ctacctntcc nctctatnac      900
tnnnctactc acnnntnctn atctctctct cctctanac tcnctcactc cttatanatc      960
ttcnaatcna tcacactann ctncnccnt cntactnata tcttntntt ntctctcaca      1020
ctntacatca ctncgcantc atcnntctcc tcantacnnc cncnccctct ctacatatat      1080
atccntctc tctcctctn cntctctntc tctctntct ntcatnanac ancaactnact      1140
ctncatctnt ctctctatnn ntntccntca ctacattct ntncacncc antnccnt      1200
cnccttatct ctanntctcn acntctctct actnctntnt ctncatccc actctatnat      1260
acntcncc tatttncnt actctctcta catacnctc tctnctctc cactctctct      1320
ctctctctn aanttncnc tctnctntn ntcatntctc cncctcaacct ntatcnctn      1380
anactnncta nctagtctc tctntannca ttctentatc cnnntcnat ntcacacanc      1440
nnataactnt ctncatcact cctcactctc tntatnctct ctctntnta tactctctct      1500
acntntcnnt ntcacccana cacatnttc atnctatn nccnccnct tctctctct      1560
ctntcatatc atctacnca ctatcctnt cactctctn tctcatnctc nncatctnt      1620
ctacnnatcn ctctctnta ncnatnctnn ctctncacat atctcactct cactcatctn      1680
tctnctcnc nccntctccc t      1701

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<210> 5105

<211> 756

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(756)

<223> n = A,T,C or G

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<400> 5105
agagnnnnnn nnttnttctt tgcttantgg cttgggctcc tngttctttn tccaggnagc      60
ccatgcgatt cgaattcggn acgaggtgtn aaagngaact tttaaggag gttcctgctg      120
tnccagaaac ccttcaagaa aaagcgaagg nntttctcag agctgaagat caagcgctg      180
agaaanaagt ttgccaaaa gatgcttcta naggctagga ggaagcttat ctatgaaaaa      240
gcanancnt atcacaaggc atatnggcng atntacagaa ctgnaattcg aatggcgagg      300
atggcaanaa aagctggcag ctcntatgna cctgcanaac cnaanttggc gtttgtcatc      360
agaatcagag gtatcaatgc gagtgagccc aaaggttcga anggtgttgc agcttcttcg      420
ccttngtnaa atcttcaatg gaacctttgn nngctcaac atggctnta ttaacatgct      480
gangattgta gagccatata ttgcatnggg gtaccccaat ctgaantcag tncntgaact      540
aatctcaaac gtgggnatgg caaattcaat annaagccga attgcttnnn cagataacgc      600
tttgatngct cnatctcttg gtcaatacgg catcatntgc atggangatn tgggtcatga      660
aaactatact ggtgnaaac gcttcaaaga ngccaattac ttctgtggg cctcaaatt      720
gnntntcca cnantgggaa tgaagaaan gacccc      756

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<210> 5106
 <211> 748
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(748)
 <223> n = A,T,C or G

<400> 5106
 agagnnnnnnn tttttgtctc taatggctgg ctacttgttc tttntgcagg atcccatgcg 60
 attcgaatgc ngcncgaggc nttagtgtgt nnttgaaaag ggaactgcac ntgatcnnat 120
 catggaanga tagctncact ncttnccgac cttgggcaca ggccgncatg agganggact 180
 gttccantgc tncngnggcc nctgnctgn tntcatcac tggnccttagc tttggagtac 240
 ncaactccaa gtggcccagag tctagactct atcaaatncc aactgatag caacaatgan 300
 tgcattctgat gtgtgctgct ggcnatctta agcccaaat gcttcaaaga tnaaacagnc 360
 atatacattn aagatacata tanaaatngt nnaattngaa tgtatacaan ntagattacc 420
 ctaacgaact tcaactacaag aaatncatct tatatccnng cacnnaaatg tgganntnta 480
 catgaaaagga tataccggtt nanaaaccac atnccatntc taaatgctga ntgagaaggc 540
 ntggactact aaacctggat tactgatnaa atttcaaaan gancttgatt ttgctagcag 600
 aaatcnttac ccngttctcn agcttctata ancagttctt gaagggatta nacagctggt 660
 cctctntcca aattctggat taatttcagc tgtgtatttc cnannnaatc tttcagcctc 720
 tagaactata tgagtcggnt tacgtann 748

<210> 5107
 <211> 674
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(674)
 <223> n = A,T,C or G

<400> 5107
 gttttctect gttacatcat gctgaatect ttcccttagc cattagcttt tattatgtgg 60
 tcttcatagg aaagccaccc tgggtgccaag cctagcttgt ggggaggggt atgtgttcca 120
 gaaactgctc tttgtgttcc cttcaatgag gaaacaacat gtgtctactt atgtggcatc 180
 caactgcttg gagctccaca cttcccttcc gcgactcagg ctctggtgct gttgccaaat 240
 ccttgcttgg caaagactgt tcgatcatgt ggggtcctta tttacaaggg aaagctgggc 300
 cagaaggcta gcaattcagg tgttaccgct attgctgtac cttgtgttag gacattgtgt 360
 ttgtgcatgg actgtgcctc caaactcagt agttccgtat ctaaaataaa agtantgtta 420
 gaaacctgaa agtacagaat ctcaacctta cnagtcttcc ccttagtcct gtggccttcc 480
 taagccagct gttaacctgt ttgattcctt ccacttcccc caaagtaagg caggcaacag 540
 atatgttgat tgtcttagaa agtaatctgg ttctcttgaa ctccattgaa ttccagtttg 600
 acgcatactg cctggaacca gactgtttgc ttacagcttt ttaaagaaaa atctgncttg 660
 gtectgnccc cant 674

<210> 5108
 <211> 589
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1) ... (589)

<223> n = A,T,C or G

<400> 5108

attgaggaag	atctaggtaa	aacctttaag	ttaaccttct	aagtctcaga	cacgtaaacc	60
caagtgtggc	aaaggaactc	attgctctcg	aaatgcata	atgttggttt	atagactgca	120
aactcaagaa	aagcccaaca	ctactgttca	agttccagcc	tttcttcaag	agctggtaka	180
tcgggataat	tccaaatttg	aggagtgggtg	tattgaaatg	gctgagatgc	gtacaaagat	240
gtggataaag	gaaaagcaaa	acacgaagag	gttaaggagc	tgtaccaaag	gttacctgct	300
ggagctgggtc	tgtaagatat	tctgggacag	cactgttgcc	attaagtgcc	ttgttttttt	360
atgttcacaa	atgtatatga	agaaaactttc	tcaaacttac	tctttcta	taataactaa	420
agccagctta	aacactctaa	aagtactttg	taaaccaaca	ataacttgat	gtgtagcatt	480
ccatattatt	tccattacgt	tgtactccta	aaatggggag	ctgttaatna	attataacct	540
ttagggtcag	cactctgcat	ccctggagta	ttgttggtnt	ttatatattt		589

<210> 5109

<211> 660

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (660)

<223> n = A,T,C or G

<400> 5109

aaggggaagga	ggctgctggg	tagcaaataa	gcccccttctt	ttcttggtga	gttgatgacc	60
tccaatagct	cccagtgkca	ygrgkaccca	gtacgcatta	gctgggtgtg	ggttgattga	120
gacctggggc	agttcctggg	gcaagaascc	agatgggaga	tgagatagaa	agtgttagga	180
gttatectct	ttgcctggcc	tttgagaata	acttactgtg	tgactttggg	caagttcctt	240
ccccactctg	ggcctcagtt	tctcacttgg	gaaagcaagg	agtttgacca	gatgatcaca	300
atggggccttc	ctagctctgg	ccaccaagaa	tttgtgaaca	ttagagctcc	tgggtctgggtg	360
ggtagagcca	gagctgctga	ctgggtctctc	tgccctccaga	ggggatttat	tggacctcag	420
agggtggcagg	gccctatgga	gcaccaactg	ccctcaaccc	caccctgtgc	ccaagactgg	480
gaagggattg	atgtcaggct	gtggccatag	gtagcatgag	ttgccaagg	agggacagag	540
catatctttg	ctgaggcttg	gctgaggggc	ttatgatagg	gcttgcaagta	cctcacagcc	600
ccctgtgggc	acagncaccc	tgagggtttac	ccaggcaaat	atattgatta	gcaggaaaaa	660

<210> 5110

<211> 615

<212> DNA

<213> Homo sapiens

<400> 5110

ccatagcctg	ttgagtgttc	ccagatgtga	ctcacctttc	tgetgccctc	ttcatgcagg	60
cctactgact	cataakkcac	gwkgccccaa	aagccacccc	acaagcctga	gccaacctgc	120
tgccctgacgc	cacagtcatt	ggcagagggtc	tgggcattat	taatyataa	aaatccatgc	180
tttacacctg	gacagtasac	agggacttca	gagattgcac	gttkgaatac	attctcccaa	240
gactgaggtt	gttcgggtttt	aattcctgta	gtccaatcac	acaatttctt	atggaaaacc	300
ttttgtgttt	ctgggtattta	ataacttgaa	gggtagcaaa	aatatactgt	gtattcagag	360
ggcctctctg	cagctgctag	ctcagacacc	aaaggggtaa	ggcccaggac	attcatactt	420
ttaaaagctg	caaacctggt	aacctttaaa	cttttaaaac	aaatgtcata	tggggtaaca	480
ctgacctttt	ataatttgat	gtctcaaatg	tagagattat	ctaaaaatcg	taacttgaat	540
accttgtaat	ttttctctta	aaaaagaaga	cttgtgtaag	tctctgcata	aacgcccaata	600
aacatgttgc	ttaat					615

<210> 5111
 <211> 937
 <212> DNA
 <213> Homo sapiens

<400> 5111
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 ggccggcctc tatcattttc tgactcagca gctccaccaa aattgacatc ctacaaaca 120
 ctgtgaagga attaacctaa gtsyttccag agcatctcat gtaacctcta tggagtaagt 180
 cactttttct gtaacatgtg gcttttgacc ttgatgaaga ctttgacttc tcatccctgt 240
 ctacatggag gaagatgatt cagtgggtgg gaaaatgaac ctcggttaaca tttccaatgt 300
 ccttcaagag ggaaacaagt tcagtgttat catcgtggca ttcgttagtt tttttttttt 360
 aaatcacktg tttagataca actttatttt tttataccta catagcacat gactgggggg 420
 ataaagcatg tataagttgg gagagggtaa agaatgtgtg actatgtata cagaaaatag 480
 actaaaatgt gcagcaaaat gatataact gtaatctggt ttttgaagta tctactattc 540
 tggaatattg ttaaacaact ttttgctttt gaaaaaaaaa aggtgccttg attcagttgc 600
 gtgacttaga acattcatcc tattttattg tgatttttaa tgccttctga ccccaaactg 660
 tgtttttggt tgacgtctgg cggctgcagg catagcgtcg gttttgttcc aataacagag 720
 accaaagagt taatcagata tggttcagct gctacaattg tatgattcaa aggcaattta 780
 atcaccccaa atttccatgg cccccacagt caagacctgc cattcgtttt ctctgcagg 840
 ttggagtaaa tttgcacttt gaatcatgtg ggtcatttgg ggacctgtt cttttctatt 900
 ttgctttatt aataaaggaa cttgtagaaa aaaaaaa 937

<210> 5112
 <211> 653
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (653)
 <223> n = A,T,C or G

<400> 5112
 gagacctcta acctcccgca gttgagcaaa tacactctga gagacattag ggactgtggc 60
 aaaaagcagg caatccatgt gtgtcactta agccttgagc acagttcagt aggcaacaaa 120
 ccaggaactg tcttggcaga taagacagac tgtgmaaggc catcgtcaty ggcatgggaa 180
 gggcattaat taccaaagtg gagacasagt cactgtctcc aagagcattt ggaatcactt 240
 cacagagttc tcaaggaggg gaaggctatc tgtcagctcc tggcgggact gctgccccat 300
 atactgtgat gaattgcttc acatatctga gttctgatgg gaaggagtcc aagtgcggta 360
 gctgtagaga acgctgggga agcccagttc tatgtagctc acgtatgaaa ggaatattca 420
 tgaagagnaa aacagaggca ttatttgaga ttaactgcct gagaaacctt gtctaattcc 480
 aagtgtctag aaaatgttga ctacttgcca tgtgcccagt aaggtgcttg gagctttata 540
 tgnatcctct catttaacct tgtgacatag ttatgctggt anaccttget gcgttcgtgt 600
 acnttgaatg aagttgaagc ttaanggaag gttaaaacnc caaccnaac tga 653

<210> 5113
 <211> 559
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (559)
 <223> n = A,T,C or G

<400> 5113

ggaagaggat	gactgggtat	gctgtgccac	ccttgagggc	catgaatcca	ctgtgtggag	60
cttgggcttt	gacccgagtg	gccagcgctt	ggcgtcttgt	agtgatgacc	gtactgtgcg	120
tatckrgcgt	cagtawctac	caggcaatga	acaaggggtg	gcatgcagcg	gctctgaccc	180
cagttggaaa	tgtatctgta	ctttgtccgg	cttccactca	aggaccattt	atgacattgc	240
ttggtgtcag	ctgacagggg	ctctggccac	agcttgtggg	gatgacgcga	tccgctgtkt	300
tcaggaggat	cccaactcgg	atccacagca	gcccaccttc	tccctganag	cccacttgca	360
tcaggcccat	tcccaggatg	tcaactgtgt	ggcctggaac	cccaaggagc	cagggctact	420
ggcctcctgc	agtgatgatg	gggaggtggc	cttctggaag	tatcagcggc	ctgaaggctt	480
cttgaagctn	acctcgactt	ttggacagag	taatggactc	cccagaaaac	gttcatataa	540
gaatttttacc	agncccttg					559

<210> 5114

<211> 554

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(554)

<223> n = A,T,C or G

<400> 5114

gaagagcttc	tgacaggggt	gagcagaccc	cagggcctct	tagccaatcc	ccgggcctgg	60
tgaagcaggc	gaagcagatg	gtcggaggcc	agcaactacc	tgcaacttgc	gccaagagtg	120
ggcaatcttt	taggtctctc	gggaaggccc	cagcctccct	ccccactgaa	gaaaagaagt	180
tggttaaccac	agagcaaaagt	ccctgggccc	tgggaaaagc	ctcatcacgg	gcagggctct	240
ggccmwtagt	ggctggacag	acactggcac	agtcttgctg	gtctgctggg	agcacacaga	300
cattggcaca	gacttgctgg	tctcttggaa	gagggcaaga	ccccaaacca	gagcaaaata	360
cacttccagc	tcttaaccag	gtccttcca	gtcacaagt	tgacagaatca	gaacagaagt	420
agtaccaatt	caatgttcac	atgaacaaac	aagctgcccc	caggggtacc	atcttgggga	480
gggggaatct	ttttttttct	tttccccttt	aaaaaaaaac	acntttgncc	cgaacatttt	540
cccattttnt	tttt					554

<210> 5115

<211> 477

<212> DNA

<213> Homo sapiens

<400> 5115

gctagactca	agctgtctgg	agagtgtgaa	acaaaagtgt	gtgaagagtt	gtaactgtgt	60
gactgagctt	gatggccaag	ttgaaaatct	tcatttggat	ctgtgctgcc	ttgctggtaa	120
ccaggaagac	cttagtaagg	actctctagg	tcctacaaaa	tcaagcaaaa	ttgaaggagc	180
tggtaccagt	atctcagagc	ctccgtctcc	tatcagtcgg	tatgcttcag	aaagctgtgg	240
aacgctacct	cttcctttga	gaccttggg	agaagggctt	gaaatggtag	gcaaagagaa	300
tagttcccca	gagaataaaa	actggttggt	gccatggcag	ccaaacggaa	ggctgagaat	360
ccatctccac	gaagtccgtc	atcccagaca	cccaattcca	ggagacagag	cggaaagaca	420
ttgccaagcc	cgtgcagtc	tgcaaaggtc	ttcacaaatc	agaatcaact	ggtaatt	477

<210> 5116

<211> 957

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (957)

<223> n = A,T,C or G

<400> 5116

aatgtatttt	ttcagtaagc	acccagaggg	ctccattcag	gctgtttttt	cagatgcccc	60
aatgcatatt	tgggcattag	aaggtctgtc	gcacttagta	gcagcatcat	ttacagagga	120
tagatttgga	gttgtccaga	cgacactacc	agctatcctt	aatactttgt	tgacactgca	180
agaggcagtc	gacaagtact	ttaagcttcc	tcatgcttcc	agtaaaccac	cccggatttc	240
aggaagcctt	gtggacactt	catataaaac	attaagattt	gcattcagag	catcactgaa	300
aactgccatc	tatcgaataa	ctactacatt	tgggtgaacat	ctgaatgctg	tgcaagcatc	360
tgcagaacat	cagaaaagac	ttcaacagtt	cttggagttc	aaagaatagt	taagtaatat	420
aaactgtggt	cattacactg	ctgatacaac	tacagatggg	acagtaaagt	ttcagcattc	480
ttggatcaga	agaaaacgga	ctaattagat	gcttcctttg	tcgtgggtgg	tgctttgaaa	540
actatacttt	aatgggagaa	atcatggaaa	gaaattctca	acagaataac	tgaaaactgc	600
cttttctgta	ccgattgctt	tttgtgtgtg	tgggtataata	aaatctttat	tcaattttac	660
agaagcattg	atggcagtc	gaaatgtctc	tagctcatat	aacttaatat	taataactaa	720
aaaactttta	gaatttactt	ttgaaaggag	ggaagccagt	tctgaaatga	gtatagggtg	780
atttcatagt	ccnccataat	aagagttag	ctcnttggtg	aactccaaat	acataaactt	840
tttaagtggg	gttccattta	ctggaaggat	taaaatgggt	acagtgccag	ccatattcnc	900
caaaaatatt	gtctaccggc	ntattttggt	aanccgtag	gttgggggtt	tggttcc	957

<210> 5117

<211> 534

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (534)

<223> n = A,T,C or G

<400> 5117

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taagcttggt	gtgcccggta	accatgggtc	tcttgctctg	attaaccctt	ccttcaatgg	120
gcttcttcac	ccagacacca	aggtatgaga	tggccctgcc	aagtgttcgg	cctctcctgt	180
taaacaaaaa	cattctaaaa	gccattgttc	ttgcttcatg	gacaagaggc	agccrgagag	240
agtgccaggg	tgccctggtc	tgagctggca	tccccatgtc	ttctgtgtcc	gagggcagca	300
tggtttctcg	tgacgtgctc	agacacagcc	tgccctagtc	ctaccagctc	acagcagcac	360
ctgctctcct	tggcagctnt	ggccatgaca	accccagaga	agcagcttca	gggaccgagt	420
cagattctgt	tttgtctaca	tgcctctgcc	gggtgccggg	attgaggcac	ccagggagct	480
gttactggcg	tggaatatag	tgatgctgct	acctctgctg	ctgcactcac	agcc	534

<210> 5118

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5118

caytygkcag	gggmsagggg	acagcaaggt	gggaggttga	agagctttga	ggctcagcag	60
catgtttgtg	gcattcgggtg	gacaccatgg	ccttgggcgg	ctggacaggt	ttttgtgatg	120
tgarggacay	gcatggggca	catggtaagc	ttggcaaggg	ctccaggaac	gctgacgaag	180
ggttttagga	ccccacccc	catgcctgta	ccagggtctgg	cctccagagc	gggtgaggac	240
agagcagctg	tgggcttttc	attctgaggt	cttggccccc	ctggccaccg	caagggactc	300

<210> 5119

<211> 598

<212> DNA

<213> Homo sapiens

<400> 5119

tttcagcttt	cgttaccagc	aggagctgga	ggaggaaatc	aaggaattat	atgagaactt	60
ctgcaagcac	aatggttagca	agaacgtctt	cagcaccttc	cgaacccctg	cagtgtctgtt	120
caegggcatt	gtagctttgt	acatagcctc	aggcctcact	ggcttcatag	gtcttgaggt	180
tgtagcccag	ttgttcaact	gtatgggttg	actactgtta	atagcactcc	tcacctgggg	240
ctacatcagg	tattctgtgtc	aatatcgtga	gctgggcgga	gctattgatt	ttggtgccgc	300
atatgtgttg	gagcaggctt	cttctcatat	cggtaattcc	actcaggcca	ctgtgagggg	360
tgcagttgtt	ggaagaccat	ccatggataa	aaaagctcaa	tagcatctta	acgtgaagat	420
caaacaagaa	cacaacaagc	ccctactgat	ttctgggttt	ctgccacggc	cacaggttca	480
tatccagagg	aatggcagat	ctgagacgat	ccaggaagag	ctaaaacatg	gccctgtaat	540
aaatgagcag	acctctcctg	tggtttcaaa	ttattaaaca	cacttccatt	tctcttgg	598

<210> 5120

<211> 1416

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1416)

<223> n = A,T,C or G

<400> 5120

agtgagtgg	cttaccaaaa	atccagtatc	cttgccatcc	ttgccaaatc	ccactaaacc	60
aaacaggcgt	tccttctgtg	cccagtccta	gtattcaaa	gaaccctact	gccagtgtg	120
caccattggg	aacaacactt	gctgtgcagg	ctgttccaac	agcacactct	attgtacaag	180
ccacaaggac	ttctttaccc	acagwggg	catcaggact	ctatagtcca	tcaactaatc	240
gaggctctat	acagatgaaa	attccaattt	ctgcatttag	tacttcgtct	gctgcagaac	300
agarcagmwa	taccacccca	agaattgaaa	accagacaaa	caaaacaata	gatgcttctg	360
tcagtaagaa	agcagctgat	agcacatcac	agtgtggaaa	agccactggc	agtgattcaa	420
gtggtgtcat	tgatctcaca	atggatgatg	aagagagtgg	agcttcacaa	gaccccaaaa	480
aactaaatca	cactcctgta	tcaaccatga	gttcttctca	gcctgtgtca	cgaccattgc	540
aaccataca	accagcaccg	cctcttcaac	catctgggg	gccaacaagt	ggaccatctc	600
agaccaccat	acacttacta	cctacagctc	caactaccgt	gaatgtaaca	catcgtccag	660
taactcaggt	gaccacaaga	ctccctgtac	caagagctcc	tgcaaaccac	caggtggttt	720
atacaactct	tcctgcacca	ccangctcag	gctcccttgc	gaggaactgt	tatgcaggct	780
cctgtctgtc	ggcagggtcaa	tccccaaaat	agtnntacag	ttcgagtgcc	tcaaacaacc	840
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gaagctccac	aaccacagcg	tctgccccca	gaagctgsca	gcacatctyt	gcctcagaag	1020
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gtcctggagg	tggatcgaag	ctgtgccact	gttgatagct	accatctcta	tgcttaccat	1140
gaggaacca	gtgccactgt	gccctcacia	tggaaaaaga	ttggggaagt	caaggcactt	1200
cccttgccca	tggcatngtt	actctcacc	agtttgtatc	tggtagcaaa	tactactttg	1260
cagtacgagc	caaggatatt	tatggacgtt	ttgggtgctt	ctgtgatcct	cagtcaacag	1320
atgtgatctc	ttctacccag	agcagttaaa	cttgggagct	ttaaaatttc	ccctttaaaa	1380
tttactttt	gggcctgggt	ttaatctgtg	catgaa			1416

<210> 5121

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5121

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gtgcccgtg	cttcgggtg	gtgcagggtg	aatgttctgt	gcgagagctc	aagggctgcc	120
tggatccctg	acttgatcc	ctttgttcca	cagagagggc	catgatgcct	ttgagcttaa	180
agagcaccag	acatctgcct	actctcctcc	acgtgcaggc	caagagcact	gaagacaccc	240
tggtcctccc	ggaagggcag	tcccacaggc	agcggcacc	atttctgggc	cccgccacag	300

<210> 5122

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5122

gtccttgtcc	agcctccaag	accacaaagt	cccttcctct	gggaagcccc	cctggcctgg	60
aggtgcacca	ggaagaagt	gtctggggct	ggcactaagc	catggcccag	ggaagactgg	120
gggacccact	aggccaggat	gagacctgca	cgcagtggct	cacagcagca	cgatttgtga	180
cagcccagg	cggagaacac	cgaacaccca	gtgaaggtga	ggggatcagc	acggcgcggc	240
caccacgcga	cccacgcgt	ggaatgagac	tcagccacaa	ggaggtgcga	agctctgacc	300

<210> 5123

<211> 634

<212> DNA

<213> Homo sapiens

<400> 5123

caagagagag	tgatagaatt	ggcagtga	tatacgaacc	accctcctgc	cctctggggt	60
cacaatacgt	gtacacttga	ctgtgaagt	gctgtgagag	tgggtggaga	gttcttcttt	120
gacctcagc	ctgcggatgc	ctctagaaac	ctcgtgttga	ttgcaggagg	agtcggaatt	180
aacctctctg	tttccatcct	gcggcacgca	gcagcatctc	ctcagagagc	aggcaaacaa	240
aagaaatgga	tatgagatag	gaacaataaa	actattctac	agtgcacaaa	ataccagcga	300
actcctgttt	aagaaaaata	tccttgattt	agtaaatgaa	tttcttgaga	agattgcatg	360
cagtttgcac	gttacaaaac	agactacaca	aatcaatgag	gaactcaagc	catacatcac	420
ggaaggagga	ataacggaga	aggagataag	agatcatatt	tcaaaagaga	ctttgttcta	480
tatttgtggc	ccacctccaa	tgacagactt	tttctccaag	caactggaaa	acaaccatgt	540
acccaaagaa	cacatttgc	ttgagaagt	gtggtaggag	gcagacaaa	gcagaaaaaa	600
taaagaggtg	agatctactc	aggaaaaaaa	aaaa			634

<210> 5124

<211> 672

<212> DNA

<213> Homo sapiens

<400> 5124

ggccaaagag	gtgctacatg	cattgaaaga	aaaggttact	tcactacctg	acaaccataa	60
aaatgccctt	gctgctaaca	tagatgaaat	tgtattttaca	tcaacaggag	acatctccat	120
ttactatgat	gagaaaggaa	ggaagtttgt	taacatcctg	atgtgctttt	ggtatctaac	180
cagtgccamc	atccccagtg	aaactttaag	aggagccrgt	gtattccagg	ttaagttggg	240
gaatcagaat	gtggaaacta	aacaacttct	tagtgcaagc	tatgagtttc	agagggagtt	300
cacacaagga	gtaaagcctg	actggaccat	tgacaggatt	gaacactcaa	aattattaga	360
ataattttct	tggaaaaatc	agcttatgga	cttttagcagt	tgctgtgaaa	aactaaggaa	420
gaaaaatttt	ggggtcattt	gatcttcact	taatctaagt	ctgtgaatta	cttttatatt	480
attttgaaat	actccttgca	gtatattggc	atgatacagt	aaaagcattt	tccacagatt	540
gttatcacct	tctttaaaag	aagtcaaaat	ttaaaaaata	caatagcacg	ttgttggtgt	600
catattcaat	aacattttcca	atgctacata	taattttata	gacataataa	agaaggtatt	660
gaaaaaacta	aa					672

<210> 5125
 <211> 738
 <212> DNA
 <213> Homo sapiens

<400> 5125

catttgtaaa	gctgcaggga	aagagggttc	acttcccagc	aaccccatcc	taatggctta	60
tggcagtatc	tcaccttcag	cttatgtatt	agagattttt	aaagggatca	agtcgagtga	120
gctggaagaa	tctctacatt	gtgctgcctt	tctcttatgt	cccagacatt	cttaaaactct	180
ttaacgaatt	cattcagctg	ggctctgatg	ttgaacttat	atgccgggtgc	ctcttcttcc	240
tccttaggat	tcactttgga	cagatcacta	gcaatcaaat	gcttgtgcc	gtgatagaaa	300
aattaaggga	aacaaytatt	tcaaaagtca	gccaagtccg	ggatgttatc	ggcttcaata	360
tggctggctc	tgattatctc	aagagggaat	gcgaggcaaa	aagtgaagtt	atgttttttg	420
ctgatgctac	tagccacttg	gaagagaaga	agagggaagag	gaaaaagagg	gagaagttga	480
ttctaacggt	gacttagaac	tgaaatgtgg	tatctttttt	tttttcaaca	tttttccctt	540
aaaggactcc	taaaactaagc	acagaagagt	tggcgctc	ttaaaaatac	caagtaacag	600
aagatcgcat	tgcatgat	atcaggatgt	ggtttccagc	tttgccctgag	ggaattccaa	660
catgagatta	tgggctggct	ccatttcttg	gacttaaaat	gcattattag	tttaaaaatc	720
tttctgtgct	ctcaaagc					738

<210> 5126
 <211> 1203
 <212> DNA
 <213> Homo sapiens

<400> 5126

gcactgtttt	agctcttgcc	aaacctcctt	cgccctgtgc	gccagggtaca	agcagtcagt	60
tctcggcagg	ggccgaccgg	gcaacttccc	cccttgtgtc	cctctaccct	gctttggagt	120
gccgggccc	cattcagcag	atgtccccct	ctgcctttgg	tctgaatgac	tgggatgatg	180
atgagatcct	agcttcggtg	ctggcagtg	cccaacagga	atacctagac	agtatgaaga	240
aaaacaaagt	gcacagagac	ccgccccag	acaagagt	atggagaccc	agggattgga	300
caccatctcc	caaccccagg	gactcgggca	agggtgccga	agatagacaa	gaggcacaca	360
gagacagacc	aactggcagc	caggcagccc	cagaggagag	agacattcag	acagaggaaa	420
gtctccctgc	ccctcattcc	ttccaagatg	agaaaaactt	gccgccaccc	cccgacactg	480
atgccaggga	ggtgggagga	agaagtggga	aatttccctt	cccagtaccc	ccaagaacgt	540
ctgagccttc	aatgttgaat	tttttcttta	ttaaaattac	ttttatctta	taaaatcaac	600
taatcaaaaa	tgatatagac	gacagcactg	gctctgtgaa	ggtggcatct	ttctgggcag	660
gcaggccatg	gggcatggag	gagggtgcaa	agatatgggt	tgctgtcttc	tggcctccag	720
ctgcatggag	gccggcccag	ggtctagggt	gtgcactggg	caagggcagg	gcggcagggtg	780
tcaggccggc	ttggacaatg	aaacctgac	cttgctgcat	tccttttgct	tccaccacca	840
ctagcttctt	tggaaatctt	gggtgggggt	catctttggg	gattatggct	gccaccggg	900
atgtgagtgt	agggagtgtg	ggagcagcct	tggcagatkg	gcacccgtgc	cctgcagggtg	960
ttgacaagat	ccgccatctg	taatgtcctt	ggcacaataa	aaccaaagt	cagtttccct	1020
gagccccgac	tctgttctgt	gtggggcagg	ggttgggcgg	gcctctgggc	agaggatgca	1080
atggcacgga	ccttggtctg	acctcagagg	tgtgaatgct	ctccagcagg	gtctgtctgg	1140
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tgg						1203

<210> 5127
 <211> 669
 <212> DNA
 <213> Homo sapiens

<400> 5127

aattactgga	accggggagg	cggagggtgc	acagtgagcc	aagattgcac	caactgcactc	60
caggctgggc	aacagagtgt	gactccgtct	caaaaaaaca	aaaacaaaaa	saacttcksc	120

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ctmckmsrca gactcctccc ctggtcacca ctagtgatcc accttatgga tctcccaagg      180
ccacctctgc ctctgctctg tgttgattta tttgggggac ctgtggtctg gcatgcattg      240
tacttggtks cccaaagggc tgtggcatct gataagtgat ttatcctcag gcacagattt      300
gcactatgtc acccacttac ttgtatgtag aagtgagtca cgggctggca aatgggcata      360
gctgctgggc agtggatgca gctccatgca tgttattctc atttgatata ggatctcatt      420
ggctttctac agcaatcctg tgcactatag gtattgctcc cggaacaga tgaggaaaca      480
ggagagtgcg agattacagt aattttgtaa atgggaggat ttgtgaaggc ttcagacata      540
caccctctct catatgtcaa ggatatgaag tctaataaat cccctaaagc agcagggggt      600
ggcaagcttg tgccctgggg ccaaatcagc ctactgctg tttttgtaaa taaagtttta      660
ttggaacac

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<210> 5128

<211> 476

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (476)

<223> n = A,T,C or G

<400> 5128

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ggtgccatgg agttcaccat ctgcaagtca gatatcgta caagagatga gttcctcaga      60
aggcagaaga cggagaccat catctactcc cgagagaaga accccaacgc gtcgaatgc      120
atcgcccctg ccaacattga agctgtggcc gccaaagaac agcactgcct gctggaggct      180
gggatcggtc gcacaagaga cttgatcaag tccaacatct accccatcgt gctcttcac      240
cgggtgtgtg agaagaacat caagagggtc agaaagctgc tgccccggcc tgagacggag      300
gaggagtccc tgcgcgtgtg ccggctgaag gagaaggagc tggaggccct gccgtgcctg      360
tacgcsacgg tggaaacctga catgtggggc agcgtagagg agctgctccg cgttntataa      420
ggacaagatc ggtgagnagc agcgcgaagc catctnggta gacgaggacc agcttt      476

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<210> 5129

<211> 340

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (340)

<223> n = A,T,C or G

<400> 5129

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aatcccacaa agcctagcac caaacttctt tttttcttcc ttttaattaga tcataaataa      60
atgatcctgg ggaaaaagca tctgtcaaat aggaaacatc acaaaaactga gcactcttct      120
rtrcamware ymkagactrk tswcwmwcag atggttgctc agggacaagg tgccttccaa      180
tggaatgcg aagtagttgc tatagcaaga attgggaact gggatataag tcataatatt      240
aattatgctg ttatgtaaat gattggtttg taacattcct taagtgaat ttgtgtagaa      300
cttaatatac aggattatng aaanaatatt ttgtggtata      340

```

<210> 5130

<211> 610

<212> DNA

<213> Homo sapiens

<400> 5130

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gttaacttct ctgagagagt tccttgtaag gctacttata aatagtagta tatatatata      60

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tagtttatgg	cagggaagat	ctgggaagta	agcaaaaaga	gccttttagtt	aggcaacata	120
gaacaaaata	gaggtcacag	gttccatgca	ctgaagaatg	gaattgaaat	agagactcca	180
gggtcataga	ctcttggaag	gaagactaga	gtacattcat	gacctcacc	cttaattact	240
tcacaggtga	gaaaaccaag	agctacagaa	aataagttat	tcctcagywc	cagggcctrs	300
ytcttgagg	aattgggtta	aaattcaaaa	taaccttcta	aaaaattctt	tcagaaacga	360
gtagtgaag	ccagtggatc	aaattcagtg	atagttaaca	gagaaacagc	agcatagata	420
agtaagccaa	tttaatgtag	ggagcaacca	ctagtgtaca	tgatctcagc	tcactctggt	480
ctaccaagta	aaaatgaacc	tgggccagcc	acagtgactc	atgcctgtac	tctcagcgct	540
ttgggaggcc	aagggtgggag	gattgtttga	ggccaggaat	ttgagaccat	cctggtcaac	600
atagcaagac						610

<210> 5131

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5131

ctgtgaagta	tatgtaacat	gagcgagcgc	taggggaacg	cttcaaagca	gtaggcagac	60
atcattgtgg	agctaaacta	agcacagtgc	ctatagacca	gggtgctatg	aacaggcgga	120
aagagtgttg	acaatcagaa	attgtcaatg	gtaattgcaa	ataggaagac	gcaagggcag	180
aatggcagct	gcaagcactg	atttgcaatt	atgccacttt	cactgggaac	tctgagtact	240
ccagggtggg	tagctgctgc	agcttgcttt	cttctaata	ggattaatga	ttactttgag	300

<210> 5132

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5132

gcctcctctg	atggcactgt	aaagatctgg	aatatgaaga	ccacagaatg	ttcaaatacc	60
tttaaatacc	tgggcagcac	cgcagggaca	gatattaccg	tcaacagtgt	gatttctactt	120
cctaaaaacc	ctgagcactt	tgtggtgtgc	aacagatcaa	acacggtggg	catcatgaac	180
atgcaggggc	agattgtcag	aagcttcagt	tctggtaaaa	gagaaggtgg	ggactttgtt	240
tgctgtgccc	tctctccccg	tggatgaatg	atctactgtg	taggggagga	ctttgtgctc	300

<210> 5133

<211> 757

<212> DNA

<213> Homo sapiens

<400> 5133

gctgccacca	cccccgggcc	cagcctgtct	gaaagttcag	ggtttaggcc	gagaaacccg	60
gtggggaggg	gtggggagcc	ggagctctgt	ggcggggctg	gagggctggg	gtgcaactta	120
gtttggggcg	ggacgggagc	cgccgttgtg	actggcgtgg	tctggctgct	gctcccgaac	180
ggaggggtcg	gggttggttt	gctgggccct	cagagcccag	tgggtggctc	tgactcggct	240
ccctactccc	tgcaccagc	tgggcgcagc	cttggggcct	gcggtctgaa	tgtatccctc	300
ccctcagttt	taacctgagc	tgccgaacgc	acagtgggcc	gggggcgagg	ctgggggaag	360
cggggcccaa	ttacggatcc	cgggagttac	aggtgccgac	gtgatgtcgc	ttctctgggtg	420
cccagctccc	ttcctgggtc	gagactagct	ctgggggtgg	cgggggcccc	cacacgctyg	480
ctcccgtcc	accctgcccg	tgctgctgct	ctgtgctgct	tgatcagagcc	ctgggtggggg	540
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gcttatgggt	gtgttcgctc	cagacacctt	gtttcaaggg	ggatgggcgt	gagcgggcaa	660
gcagagcatc	cccaccgtg	agcaagaact	tttcttgttt	tttaaaccat	cacgtcctca	720
tttcacattg	gaataaagt	agtttttgaa	acctgcgc			757

<210> 5134

<211> 1316
<212> DNA
<213> Homo sapiens

<400> 5134
gtggcaactt gatgaaacag ccaaatgcac cagggcaggt cactttccca ttacactgat 60
tccacaatta aaaaaaaaaa aagaaaaaaaaa actcattgar atagctacag ttctataggt 120
taatttaaag cctccttttt ctactcattt ttgaaascaa aattacattt tactatttta 180
cataaccagt gaaaagacgt tgaaagccta cagctcactg tttttggtgc tctggaaatg 240
ttgaggggtg gtttttaacc agtgattttt aacgtgcagt gaatttgta gacttttaaa 300
caccagctaa ggtagtcaaa cttgatcccc attaaaaatc aaggaattag gggcggggg 360
aggggttagg agtgatccag aatgacctcc cagaattact gtgcgtacaa ctttattttt 420
cagagttttc attggaatgg taagagtttt atgaaagaca gttttaaaac ttattctgag 480
ttaaataatta atactttaaa aaattattgt actagactta tcgcagcctt ttgaaagtag 540
cagagtttca tcataccaca tatataacag agcataaatt ttctataatc aggcaccttt 600
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tctattctct cctctcgatt gtagcatagc ctgacagctc tagatacagc atttctatga 720
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aatagaaaat atttatatct tttgagtgtg agctttgaat agatggcatt atcactttat 1020
tgtttttttt ttaacaaaaa ctttttctca attattctat tgcaatgtta ttctgagcaa 1080
gtcctatgcc aaatatcttg tataatgttt gtatggaaga ttaaatttta ctcttggtgtg 1140
gtaagactat ttcagttact gattttatag ttggaatttg atattccagc acaaagtcca 1200
cagtgtattc agaaatccaa gttggtgtca tacatttcat tttgatgtga acttttcttt 1260
gctttccttt gttctaagac tccattttgc aataaacggt ttgacagtaa aaaaaa 1316

<210> 5135
<211> 377
<212> DNA
<213> Homo sapiens

<400> 5135
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attgtaaatt cttacgtaca gcatcacaaa agacaaggaa tmctgtcata tccttttagc 120
aaaatgakat tgcctaggtt cttgttgcaa aataccacat aatgaaatcc ttctgtttgc 180
atgattaact ggggtgagaat atcatctttc cttttggtcc gtagaaatgt attattcact 240
actccattct tgaggtttgt tttttaattt ttttgagac agtctcactc tgttgcccag 300
tctggagtgc agtgggtgcg tctcagacgt ctcactgcaa cctctgtctc ccaggctcaa 360
gtgattctcg tgccctca 377

<210> 5136
<211> 550
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (550)
<223> n = A,T,C or G

<400> 5136
gaagacacca gtggtggaat cgagtgtttg gccacagttc gggacctatg gtagaaaaat 60
actcagtagc taccagatt gtaatgggtg gcgttactgg ctggtgtgca ggatttctgt 120
tccagaaagt tggaaaactt gcagcaactg magtaggtgg tggctttctt cttcttcaga 180

ttgctagtca	tagtggctat	gtgcagattg	actggaagag	agttgaaaaa	gatgtaaata	240
aagcaaaaag	acagattaag	aaacgagcga	acaaagcagc	acctgaaatc	aacaatttaa	300
ttgaagaagc	aatagaattt	atcaagcaga	acattgtgat	atccagtggg	tttgtggggg	360
gcttttttgc	cggacctgca	tcttaaggnc	atgaatatct	tcccataacg	gattcaacta	420
tgagaagaga	agtggcagca	ataaggcagt	ctctcaaaaag	tcatactgcc	agagtctcta	480
gggcaaggng	aaacanctag	ctgggcaata	ctcaattcac	aacttagcat	tttgccatct	540
tgaagcttgg						550

<210> 5137

<211> 447

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (447)

<223> n = A,T,C or G

<400> 5137

cgccagagca	gcagtgggga	acatcttctt	gtctgctgga	cacctgattg	ggccgggttct	60
ctgccattcc	ttctgcaatt	acatgggttt	cccagctgtt	tgcgcggcct	tggagcaccc	120
acagaggcgg	cccctgctgg	caggctatgc	cctgggtgtg	ggactcttcc	tgttcttctg	180
ccagcccctc	acggacccca	agctctacgg	cagccttccc	ctttgtgtgc	ttttggagcg	240
ggcaggggac	tcagaggctc	ccctgtgctc	ctgacctatg	ytctgggat	acgctatgaa	300
ctntgaccng	ctccccancc	ctccccacca	aggggttact	gcaggggaag	ggctagggtg	360
gggtccccga	gatcttaggg	aattttttta	gggggatttt	aagccagagn	tagtttgctg	420
tcccagggac	caaggagaaa	gaagcat				447

<210> 5138

<211> 555

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (555)

<223> n = A,T,C or G

<400> 5138

cgacagctct	ccaatactca	ggttaatgct	gaaaaatcat	ccaagacagt	tattgcaaga	60
gtttaatttt	tgaaaactgg	ctactgctct	gtgtttacag	acgtgtgcag	ttgtaggcat	120
gtagctacag	gacattttta	agggcccagg	atcgtttttt	cccaggtgca	agcagaagag	180
aaaatgttgt	atatgtcttt	taccgggcac	attccccttg	cctaaatata	agggctggag	240
tctgcacggg	acctattaga	gtattttcca	caatgatgat	gatttcagca	gggatgacgt	300
catcatcaca	ttcagggcta	ttttttcccc	cacaaacca	agggcagggg	ccactcttag	360
ctaaatccct	ccccgtgact	gcaatagaac	cctctgggga	gctcaggaaa	gggggtgtgc	420
tgagttctat	aatataagct	gccatatatt	ttgtagacaa	gtatggctcc	tcccatatct	480
ccctcttccc	taggagagga	gtgtgaaagc	aaggagctt	ngataagaca	ccccctcaaa	540
cccatccct	ctcca					555

<210> 5139

<211> 576

<212> DNA

<213> Homo sapiens

<400> 5139

gctacgtggg	aggetgaggg	rgragaatct	ctksmreckm	rgaggmrgag	gttgacagtga	60
gccaagattg	tgccagcctg	ggcgacaggg	tgaggtctct	gtctcaaaaa	aaaaagtcca	120
catcttcatg	aaccctcaga	ctctggagtt	gggtgtcggc	tttttttagcc	agcttttgtk	180
ssrwtttsyk	wkracctatt	aaagaaggaa	agtgggtaat	ggagtcccag	ccactcaaga	240
gactggatat	cccccgagaa	tggcttgggt	taccagctat	ggacccttgg	aagatgaatc	300
taatccttct	caactggttt	tctttgcaaa	ttcatttgc	tttatttttc	taataacaat	360
aaactctatt	ttccatgttc	tcagggcccc	tgggtagaca	gacacagctt	gatttcagag	420
cagacatagg	cgaagaaaac	atggcattga	gtgtgctgag	tccagacaaa	tgttatttat	480
atacacatcc	aaatttgaag	agaaaatgta	tttctttagg	tttcaaacac	tgtaatagat	540
ataaagcaaa	aataaaaaacc	tgttgcaaa	g			576

<210> 5140

<211> 631

<212> DNA

<213> Homo sapiens

<400> 5140

agtaccaga	gttgcgagga	gttttttaac	tgatttagcc	aggtggcaat	catgagtga	60
tggatgaaga	aaggcccctt	agaatggcaa	gattacattt	acaaagaggt	ccgagtga	120
gccmgtkmgr	agawtgagta	taargsatgg	gttttaacta	cagaccaggt	ctctgccaat	180
attgtccttg	tgaacttcct	tgaagatggc	agcatgtctg	tgaccggaat	tatgggacat	240
gctgtgcaga	ctgttgaaac	tatgaatgaa	ggggaccata	gagtgagga	gaagctgatg	300
catttggtca	cgtctggaga	ctgcaaagca	tacagcccag	aggatctgga	agagagaaag	360
aacagcctaa	agaaatggct	tgagaagaac	cacatcccca	tcactgaaca	gggagacgct	420
ccaaggactc	tctgtgtggc	tggggctcctg	actatagacc	caccatattg	tccagaaaat	480
tgacagagct	ctaagagat	tattctgtcg	cgtgttcagg	atcttattga	aggacatctt	540
acagcttccc	aatgagaggg	caggaagtgt	gaacatactg	atagaaaaag	actatatttt	600
atccctcata	aaatgtttta	aawrtaaaaa	t			631

<210> 5141

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5141

aagtatatat	gactccactc	aggggtgtaa	aagcaaccca	agcatcaaag	tctactcagc	60
taaagactaa	cagaggacag	agaaaagtga	cagtttcagc	taggacgaac	aggaggtgtc	120
agactgctga	agccgactct	gaaagtgatc	atgaagttcc	agaaccagaa	tcagaaatga	180
agatgagact	accaagacga	gccccaaaccg	cagcactaga	aaaaagtacc	acttaccctt	240
gccaatttcc	tcaatgaaga	tctaagttag	gaaagacgat	ggaggtggaa	tcctttaaga	300

<210> 5142

<211> 699

<212> DNA

<213> Homo sapiens

<400> 5142

gtttcactgt	gcggtgcagt	gcggcggcag	ctcgtgagga	ggaccctgtac	atkgacacca	60
ccctgaaggc	ttgccacct	gtcagtatgg	atgtctgtgc	tttaagaata	cagcttttca	120
taggcttgaa	agccatctgt	cacttttaaaa	accacatcat	acttttgact	aaagcagaac	180
cctgaagcca	ttccagagag	aagacagtca	cccaagaggc	ttcttttcgag	waarsatmcc	240
mktgyymmar	kcaaaatwcc	tgccwgtwkc	tgagrmtgag	ktgkaaytkg	tatattktgw	300
rtaykatcty	wccagtgcag	ctgtacaaa	agatggtaga	ctatagcaat	acctataaga	360
ctgtcaaaac	ccagagctgc	attcaccttc	tcagtgaggc	tcactctgtta	gtgcgagctg	420
scctgatgga	tgccagtcag	ctggaacctg	gagagaaggc	agagcttttg	gaagcattta	480
aggaaagctg	tgggcacctt	ggggactgtt	acagcaggct	tgactcccag	cattctcatc	540

tcaccttgcc	atactataag	atgtctgggt	tgtctatggc	tgaagttctg	gcccgcacgg	600
actggacagt	agaggatgga	ttacagaaat	acgagagagg	attaaatctt	ttacattaaa	660
tccattccac	tttatggaaa	acctgggatg	taaggaatt			699

<210> 5143
 <211> 423
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(423)
 <223> n = A,T,C or G

<400> 5143	
caggtagtgg	cccctgtaag cagggccaga gtcgggacaa agagcaggag tgaagcagcc 60
aagagacaga	ggaccaggct ggagccagtg ggcacgcagg agcctgcctg ggaagaagcc 120
ggggggcaag	gctggcatgg gaatgaacac ctgctggtga cacctctctg agcttcagtt 180
cccttaacta	gaaaaataga acaggcccgg tgcggtggct catacctgta atcccagcac 240
tttagrkatg	rytgmrrcrr ktrswtcwts agrtcaggms wtccwwracc ayywmrrccg 300
acattggggg	attagcaatg ttttgttact tgggcatttt caagaggcag acatagcca 360
gaagcagaag	nttgggcagg tcccagatct tgttctatag ccctttatcc tgaagctcgt 420
gcc	423

<210> 5144
 <211> 366
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(366)
 <223> n = A,T,C or G

<400> 5144	
gtcctctctt	actctagtat ctctgccttt ggtcagtcag agagcatttg atgagtacca 60
tgctgggctg	gaccccatcc tggtgcctt ggaagataga gacaggtcac cttgatccct 120
gcctgtagca	tttgggctgg ctgagatggt ggargtgtga acagaatatt ccagtccagt 180
gtcctctgtg	gtagggatgg ggatggacct sggagaggcc ctctgttcc tggcaggagg 240
tgggactcag	agttaaaagt gaggtcaagr ccagtgcca tggctcacam ctgcagtcct 300
agcacttcgc	gganttnagg tggatcacca gaaccngta gttcaagacc agccttggan 360
aaanat	366

<210> 5145
 <211> 952
 <212> DNA
 <213> Homo sapiens

<400> 5145	
ggttctacca	gtgcctacac caagagtggc tactgtgtca acaggttttc ttcacttctg 60
ccaggaggca	acaggcgaaa ctcaacagca aaagactaca ccattctaga ttgcatttac 120
aatgaggtaa	accagaccta ctacgttctg gatgtgatgt gctggcgggg acaccctttt 180
tatgattgcc	agactgattt ccgattctac tggatgcatt caaagttacc agaagaagaa 240
ggactggggg	agaaaaccaa gcttaatcct tttaaatttg tggggctaaa gaacttccct 300
tgcactcccg	aaagcctgtg tgatgtgcta tctatggatt tcccttttga ggtagatgga 360
cttctcttct	accacaaaca gaccactac agccccggaa gcactccctt ggtgggctgg 420

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ctgcgcccta catggtgtca gatgtccttg gtgtagctgt gccggctggc cgctgaccac 480
caagccagac tatgctgggc accactccag cagattatgg agcacaagaa gagccagaag 540
gaaggcatga aggagaaact cacacacaag gcctctgaga atgggcacta tgaattggag 600
cacctgtcta ctcccaagtt gaagggttct tcccatagcc cagaccaccc tggatgcctc 660
atggagaatt aaagagagaa gmctccttaa ggagccacag gatggtacct ggccccaaaa 720
ggaatccttg agaggaggac agtgacaaca ggtgacttya ttcttttagag tgaactttcc 780
aaaccagtc cagctggaaa cagcttatct ataactctgaa atgctggctc aaacagttat 840
ggggagggtc ccagattgcg tagcattcag attgatttga gcagctccta ctgtgataag 900
tgtatcccag atccacaatg taaatatatg tgattttgtaa gaaaaaaaaa aa 952

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<210> 5146

<211> 431

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(431)

<223> n = A,T,C or G

<400> 5146

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gcaccagcag gtagtggccc ctgtaagcag ggccagagtc gggacaaaga gcaggagtga 60
agcagccaag agacagagga ccaggctgga gccagtgggc acgcaggagc ctgcctggga 120
agaagccggg gggcaaggct ggcatgggaa tgaacacctg ctggtgacac ctctctgagc 180
ttcagttccc ttaactagaa aaatagaaca ggcccgggtgc ggtggctcat acctgtaatc 240
ccagcacttt agrkatgryt gmrrcrrktr swtcwtsagr tcaggmswtc mwkaccaccm 300
tkraaacgcg attgggggtat tagcaatggt ttgttacttg ggcattttca agaggcagac 360
atagtccaga agcagaagnt tgggcaggtc ccagatcttg ttctatagcc ctttatcctg 420
aagctcgtgc c 431

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<210> 5147

<211> 1101

<212> DNA

<213> Homo sapiens

<400> 5147

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tgaaaagggt aaacctgttt cacctcccaa atttatatat tcaaagtatt tacttaaaat 60
tcagaagcca gaagttcatg tcatgattac caggaagttc aggccagaat gaatccctag 120
agaagccagg ccaagccttg ataattgcag ctggatgacc ctggcccga agtcacagtt 180
maktckgmy kakkoctagt tcaggcttac tatctagaac ctcatgctag cttaggttgc 240
atgtttacat tgctgcagtg tctttacttg aagcttagtt ggatcgaaat ggacaccgag 300
atggagatgc ttctggctac atttcgcaga accccaggag acctgcattt agaccactct 360
gtccattttg gtgcccaccc ccacccccag ggtctaagtg tagactccaa gaggagcagc 420
ccagagcttg gaggagaggt gtgtctgggg saccactggt ggggtggtgct gctcttcttt 480
ttgtttagat taatgcggtg tcttttaatg gactctcagg cctcccagac agccttgttc 540
ctttaaggca gaagctcttc ttcattgtgt accycctggg attcatgagg tgtgagattt 600
ggcctgcttg actttgaatt caagtttttc aagtgactct cagtgtcaga agaagatttc 660
atgctgtcca catgtggtat gtccacagct caccttcaaa ggcttagatg tagccatcac 720
agagagtggg atttttattaa gaacccaagt cccagcctga ccaacatggw gaaaccccat 780
ctctactaaa aatamaaaat tagccgggcg tattggcgtg cgctgtaat cccagctact 840
caagaggctg aggcaggaga atgcctgaa cccagaggcg gaggtttagt tgagccgaaa 900
tcacaccatt gactccagc ttgggcaaca atagcgaacc tccatctcaa attaaaaaaa 960
aatgcctac acgctcttta aaatgcaagg ctttctctta aattagccta actgaactgc 1020
gttggggagc tgcttcaact ttggaatata tgtttgccaa tctccttggt ttctaataag 1080
taaattgttt tatatacttt t 1101

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<210> 5148
 <211> 515
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(515)
 <223> n = A,T,C or G

<400> 5148

ggaagagggg	cgccgagaag	aaggacctgc	ctgtcaccaa	aaacacgctc	aagtgcactt	60
tccggtccct	ccaggtcagc	aggctgccc	gcagcggcga	ggctgcagcc	acgcccacca	120
tggtccatgac	cgtggtcacc	aaggagaaga	acaagaaggt	gatgtttctg	ccaagaaaag	180
cgaaggacaa	ggacgtggag	tctaagagcc	agtgcattga	gggcatcagc	cggctcatct	240
gcactgccag	gcagcagcag	aacatgctgc	gggttcctca	tcgacggcgt	ggagtgcagc	300
gacgtcaagt	tcttccagct	ggccgcgcag	tggttcctcg	cacgtgaagc	acttcccat	360
ctgcatcttc	ggacactcca	aggccacctt	ctaggcccca	cccaccaggg	gggcccacct	420
ccttgcccca	ttgntgtgag	ggggcccagc	ttgcattttc	ttgttttaaac	attttcagtt	480
ttaattacag	aggacagacg	tttnaaaaca	caaag			515

<210> 5149
 <211> 710
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(710)
 <223> n = A,T,C or G

<400> 5149

cagagctgta	tcttcagtgg	tgtgatgaag	ctacagtagg	ggagatcact	catgctaggt	60
atggatctcc	ttacccttgg	cctctgaatc	atattttggc	ctatcaaaaa	cagtgggaag	120
kcaaacgtaa	grtgraagct	atkggatggg	gaaagaagac	tctggaccag	gtcttagagg	180
atgtagacca	gtgctgtcaa	gctctctctc	aaagactggg	aacacaaccg	tatttcttca	240
ataagcagcc	tactgaactt	gacgcactgg	tatttgccca	tctatacacc	attcttacca	300
cacaattgac	aaatgatgaa	ctttctgaga	agggtaaaaa	ctatagcaac	ctccttgctt	360
tctgtaggag	aattgaacag	cactattttg	aagatcgtgg	taaaggcagg	ctgtcataga	420
gttatgtgtt	agtctcagga	gtcttaactt	ttgaaatatg	ttttacttga	atgttacatt	480
agatattggg	gtcagaattt	taaaacccaa	ttactgcttt	ttgaaacctc	aaattatata	540
atgtatctta	tgtatgtgct	ttatatgttt	atttgtgtat	acattaaaaa	aattctgaat	600
tatttaactc	gatatgttgt	attctgtatc	ttgaaatttt	tgtttccttg	aaacatgcac	660
gcattttaaaa	ataaagctta	aacaactgta	tggatgttaa	aaaaaaaaan		710

<210> 5150
 <211> 648
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(648)
 <223> n = A,T,C or G

<400> 5150

atttagtgag	atttgtattc	taggaagtgt	gtgccgtcac	ttgttcattt	acaactgcaa	60
agattgtatg	tctcctatgt	tttcctttca	tgccaaagaa	actcaccctt	tttaaaagcc	120
agcaggttgc	acaaacccaaa	aacaaaatat	tttgccccctt	aaataggcat	tttaagaagt	180
tttatttcct	ggtacttaaa	tattgtgtag	agggaaagct	agttgtaata	atttgtaaaa	240
atgctgtat	ttttaggaat	gcgctatttc	cagtaaggga	agtattgaca	tttttaagga	300
actgtgctgc	attaaaatcc	acagttgcat	gaaactttta	aaagtttaag	atataaagta	360
attgctaaaa	tttgtgaact	actcagagga	ctcaatgccc	taacatgtag	gggattgatc	420
attgcatgtg	ttaggccagg	atttctcatg	attgtatatg	gttattgatc	atttttaagg	480
ggctgaacct	gctgccttta	tacttttgac	acctccctcc	ctcccncccw	ccaaactgtg	540
gctgtaaaac	gtgactctgc	atagtcagcg	ttatacttga	tttctttgtg	aatgcaaata	600
aaataaaatt	tgtaagtcca	ccaaatattg	acttaactag	gtaaatgt		648

<210> 5151

<211> 906

<212> DNA

<213> Homo sapiens

<400> 5151

gtacttttgag	tgtttggggg	ttcaacacac	acatgcaatt	ttgcttaaca	aaagtatttt	60
ataatacagt	ttcatacaga	attaccttaa	aagggagtct	tatgttttca	actacagata	120
gttgwaaggg	atcataccag	aagatattga	tgatagtkga	aatattctta	gaaggggtgt	180
gtatgtccta	gcctgtgtct	accatgtgta	tgtattcttg	acaagcagta	taaaatacct	240
gtgatttttc	tttacattag	ggataatgca	taaggaatta	atcttcata	atattatcat	300
ccctaattga	gcagggggaa	gtatttaatt	gcccatgata	tgtattttac	ttatactatg	360
ccrgagrgga	aactataaag	taattacmca	tgtaatcttg	ggtttttcac	atatgtaggt	420
attcattttg	agtaggttga	agaagaaaaa	aaatatttaa	atgaattgaa	ttcctgatgg	480
gatagtatca	ataagtattt	aaaagccagt	attctaaaaa	taataaagg	tagggtcatt	540
tttgagtttg	tttttctttt	gctattgtta	atattcaaaa	ttaaagtgtt	acattggtac	600
ctgttgtctt	aatgcattta	ttgagaacag	cattgagatg	atgaacaagg	ggttagcaat	660
agcaaaactct	ataattattt	tgactaatta	cttaagagga	aaacagtata	agtatctcat	720
tcagtattta	gcaattctgt	aaaataagta	ttatctctat	ttttcagatg	aggaagtaag	780
ggtttagcaa	ggttaagaga	tctatccaat	ttacacagca	agttagtagt	tgagcctgac	840
catgagtctt	ctgactctgt	tcttttctact	atgcaatacg	caaacaataa	aatgttatat	900
aaatgg						906

<210> 5152

<211> 677

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(677)

<223> n = A,T,C or G

<400> 5152

caaagcgcgc	ccttcaaatc	cgtctttgtg	cccactgcc	tagtcaaccc	cgtgagaagc	60
acagccggcc	ctgggacttt	aggacaagg	tctcttcgga	aagggcggag	cagcatgaga	120
aagaatggat	ccctgcagag	accctccag	tccgggatcc	ccactctcgt	ggtagstcc	180
cycaracsca	gccccaccat	ggtccttcgg	cctcagcagt	tccaattcta	ccagccacag	240
gggatccct	cctccccctc	ascctgggtg	gtggagatgg	ggtccaagcc	tgcctcacg	300
ggggagcccg	ccctcacgtg	catcancagg	ggcagtgagg	cccggttcca	ctccgcggcc	360
agctccctca	ttatggaaga	caaagaaatc	cccatcaaga	gtgagcctct	gccaaaaccg	420
cccgcatctg	ccccaccatc	catcctgggtg	aaacagaaaa	ctcaagaaat	ggcatcgaaa	480
gcaagtcaaa	accgtgagat	ttcagaatta	cagccctcct	ccaccaaa	ttacacctcc	540
atccacctcc	ggaaagcctg	acagcagcac	cctcaaggcg	tccagctgaa	gcagcgtctt	600

gggccagaga tgacatctat ttgccaccga gtgctgcact cggcaagaga agactcgaga 660
agtagctctg caaggca 677

<210> 5153
<211> 301
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(301)
<223> n = A,T,C or G

<400> 5153
ggcagtgcctg cgcggggctc ccagccctgc tgggaaggac cagggaaacca ctcagcaatt 60
agaccctctt ggccctgccc ccaccatgca cccagcagcc agggagtgcg gcggkcagcc 120
tggcagtgcg tgaaacccag gcctycagcc ctccaaagcc tggggccacc ccctgtagca 180
ggcgatgcta gaataaggag gagagccaga gctgaggctc cttgcccctt ggcccctyca 240
ggggccatgg gatctctgtc tcccacaccc ctgtcacggn ccgcttggan cancccatag 300
g 301

<210> 5154
<211> 427
<212> DNA
<213> Homo sapiens

<400> 5154
gtgatccgca agttgtggaa gaaatacgcc aagcaaataa agtagccaaa gaagctgcta 60
acagatggac tgataacata ttcgcaataa aatctygsy cramagaaaa tttgggtttg 120
aagaaaataa aattgataga acttttggaa ttccagaaga ctttgactac atagactaaa 180
atattccatg gtggtgaagg atgtacaagc ttgtgaatat gtaaatttta aactattatc 240
taactaagtg tactgaattg tcgtttgcct gtaactgtgt ttatcwtttt attaagtta 300
aataaagtgt aaaatgcaga tgttcttcac cccttttggg agaacaaaag caggatgata 360
accatatccc ccagtgctc atcaaagtag gacactaaaa atccatccat ctcagtcaaa 420
gtcgagc 427

<210> 5155
<211> 775
<212> DNA
<213> Homo sapiens

<400> 5155
cttcagggaac tagatgtata tgcacaaggg attgagttaa cactaaaact aggaaatgga 60
gttttcaatc tatgttcttg cctcttcata cttttattta ttttttgtca tcctgcctta 120
tactgggcta acaatgagat aaaataaaaa tacctttgaa tactcttttc cctttcatgc 180
atttaaagcc atggaggaac tagaccatta gctgttgccg tcacatgctt agacaccagt 240
ttacttagcg tgttatgacc ttcttcaccc atactaccaa atttaaattg gtcccgaactt 300
caccctctgg aaggaagtaa actcttctct ccccatgggt tcagagcagt ttttacctgc 360
aagcaccatc tctgtatgtg ctcttactag attatacagt tcttgagagg gattgcatct 420
tggtgttttt gtatttccac ctcaccccca gcacatagcc cagtctcttg cacaaattaa 480
gtacttaatg tgtgttgagc taaattgaat aaaggattat tagcattagc atattttgtg 540
ccttggttgt ataagctggt tgtttgtttt gttacctttg caaatattta tgattatcac 600
ccccccat actaaattgt ttttaaaagt tttgcctttc cttcagatac taccocaggc 660
aatttgctgt agataatgtg attgcttcca atgacataat tatcccaaac tctctgcccc 720
ggatatactt tgccaaacga aatttgaatt ctctgaataa attgggtcatg tctaa 775

<210> 5156
 <211> 713
 <212> DNA
 <213> Homo sapiens

<400> 5156
 gttggagaaa tccaaagctg accaaaacat ggtccccacc ttttggagct tacagtctgt 60
 tctggggaac agagattcag ccaaagtcaa gaaacactgg atgccagcta gattatctgt 120
 tctgtgcttt ggtgtctata agtacatatg tggatatggg ttcattttat ccctaaactt 180
 agtaccaaaac cagcatttaa tatctaatta taaatctaata ttggcctaaa ctttattatt 240
 gcacactgcc tgaacaaaac ctatttgtct ctatgtaaat ttttctctca tggaacaagg 300
 gtgtgaaatg aaaatatttt aggatttatc caaaracaga ctattctgtt ttcagcttca 360
 gaattgttct ttgaatccta aggaacctct gtcaacagtt gaggttgctg ttgaaaagaa 420
 agaagaagga ggcggaaatc tctcagggag aattatttcc tttcttttct atttcagata 480
 cctggagggg tggggagaag taagaattgt aaggagggtt cagtagtggg gaattctgtg 540
 acagctgatt gaagatgatg atgaagaacc tctgcattct agttaccctt tgcttcgctt 600
 tcacctcttg taaaattggg ctggcaacaa tgacattgtc atgctttatg tccaatatcc 660
 tcctgtcgag atctaattgt cttaatcgtg ccgtaaatgg aattccccca cca 713

<210> 5157
 <211> 529
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(529)
 <223> n = A,T,C or G

<400> 5157
 agcagctgca tctaggggcc cttggtgaga ttacactca gagcctggct gcccccggtt 60
 agcccagatt caaaagggtga acatctgttt gcagaatctg attcatgaga aggtgagttt 120
 attgttttca gtttagactt ttgggaagtt ggactagaga ggggagttgt tggggtcagt 180
 gctggcttaa cagaaaacac agcgaatttc ccctccagtt ctccccaggt ccactgaaca 240
 aggctagtct ctgcaccacc caggattcaa aggaaagacg aagggagcag aacttgtggc 300
 agcaacaggt aaacttcaan aaggagggca ggatcccacc ctacagggtt gggangganc 360
 ccaaaggccc catctgtttc tcctccagga gttgtcaagg cagcagaaag gantcaccca 420
 gccaaaggag gagatggctc ancggggctg caccaagggg ccaagaggcc tnaccctgtg 480
 ctaaaccctc ctctcactcc cctaagcctg gtngaaaaga gtcagaaan 529

<210> 5158
 <211> 459
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(459)
 <223> n = A,T,C or G

<400> 5158
 ttcattttta aaaagcttct ctttattatg ttgttgttta acaactkaaa cgctatctct 60
 agaccaggaa taattatttg ctatatawta cagcaaaaaa tatgtatgta taaatggact 120
 cattcaaaat atataaagaa ctctatttac aaagaaattg acaaacagcc cagtatatca 180
 atgaatataa aaatttgaga agatattttc cataagaaga tatctaaatg aacattaggc 240
 atgagaaaac caaatttttag gatatcacta cacacctggg yrtagtttaa aagactggaa 300


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aatattaagt gtgtggggaa tgtagagcaa ctgaaaatgg cctacatctt tcataggaaa      360
tgttaaaacc aatacaawta ctttggcaaa actctgtccm acmttttcta cccmtttcac      420
ccagggcact yccttcctcg gcttttgggt tncctcggg      459

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<210> 5159
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 5159
ggatgccctg gggcagaagc tgcccagaag gccccagcca gggcctggag agcagctcac      60
agtcttccag ttctggagtt ttgtggaaac cttggacagc cccaccatgg aggcctacgt      120
gactgagacc gctgaggagg tgctactggt gcggaatctg aactcggatg atcaggctgt      180
tgtgctgaag gccctgagat tggcgcccga ggggcgtctg cgaaggagac ggctgcgggc      240
cctcagctcc ctgctcgtcc atggcaacaa caaggtcatg gctgctgtca gcaccagct      300

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<210> 5160
<211> 540
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1) ... (540)
<223> n = A,T,C or G

```

```

<400> 5160
gtgggaactt cccctactcc ctggatgtgt gtacctagca cacttccttc tcccaccct      60
ttttccagtt ggatttgttt ttctgttctc ttctgtcctg tcttatactg caactgtgtc      120
tcctagggga cagatggcct tctttgtcat cttactctc cacccccaga gaggagtcag      180
agcmwtaact caatcactca gcccctccaa agatagttga tgtgtgataa tctcataatg      240
ttgagaaccc tgatgagata cattgtcttc ctctccctac aatgcctctg gggccaaggc      300
accattctt cttgctatcc tccatcccc ttgaggcttc cacttttttt ttttttagac      360
ataaagctgg gcatcagcaa ctgggcctgt gggatgatgca aagctgcttt gctctgtatc      420
tgggctggga cttgatctgt ctcacaagga aggccatgag ggnccatagg ggaggaaggc      480
ttccttntcc cccttcatct ttctgnttcc aaagggtggg tagggcaagg aggggagtta      540

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<210> 5161
<211> 683
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1) ... (683)
<223> n = A,T,C or G

```

```

<400> 5161
atacgatggg gtgcttggtg gatgggccat ggaggtccgt gagctggaac tgggcacacg      60
ccatcccaga gggctcagga tgccccagga aggaaagaag ggcaacagac tacacgattg      120
gacgtgtgtg gttgactggg atgaagttgg agggaggggc agggccttgc aggggattgg      180
tactgatccc agggaggaag tgttggggct tcatgaacta ggatgaaagg agggccctga      240
gccatgacaa ggggcacatc caggatttcc gccaccctga atttagtaga gctagtaggc      300
cctggctcgtc actctgggca gggatgccgt cagccttgag ggtcgccacc cactgtgtg      360
ttgccctctg tcctggcggg gaaacataca ccccttgtct caccaccaac cttgcttgtg      420
tagtcnrcag ggctgccctg cccaaggac tcaactgcatg taccgggacc cctaggcctg      480

```

```

gcctttgcag catagttggg agcttctgga ttccatctgc acctgtgagc cccatgctgg      540
ctgtgcactg cgcgggcctg agactgctgg atacaatgtt gggcaacaac tcagccagcc      600
tgatggcagc ctcagaggct tactctaacc catcccagaa taaatggaga cttcatgtgt      660
tcattgtttc attcactcaa aaa                                           683

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```

<210> 5162
<211> 578
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(578)
<223> n = A,T,C or G

```

```

<400> 5162
ctgacctttg tagagaatcg gaccttcgac atgcaatggc caattgtttt gaagcggttaa      60
taggagctgt ttacttggag ggaagcctgg aggaagccaa gcagttattt ggacgcttgc      120
tctttaatga tccggacctg cgcgaagtct ggctcaatta tctctccac ccactccaac      180
tacaagagcc aaatactgat cgacaactta ttgaaacttc tccagttcta caaaaactta      240
ctgagtttga agaagcaatt ggagtaattt ttactcatgt tcgacttctg gcaagggcatt      300
tcacattgag aactgtggga tttaaccatc tgaccstagg ccacaatcag agaatggaat      360
tcctaggtga ctccataatg caacgtggta gccacagagt acttattcat tcatttccca      420
gatcatcatg aaggacactt aactttgttg cgaacgtcgt ttggtgaatn atagaactcc      480
aggccaagct agcggaggag ctgggcatgc aggagtacgc cataaccaac cgacaagacc      540
aagaggcctg tggggccttc caccaagacc ttgggcggg                                           578

```

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<210> 5163
<211> 395
<212> DNA
<213> Homo sapiens

```

```

<400> 5163
cagaaattca aataattctt ttctgcttca atgccagcag aaggtccccc aggtagacat      60
ggagaagcac tttgttttaa ataggagggg ttcatagttg catctgaagc cacctgggtc      120
tgttwawstg ttrtcgtgca ggtwkwgggt ttggcattat tcatgtttct gatcaattct      180
atgcaactct catagtctct gttacttttt agcattagct gccaaatgac ttcaaaaggc      240
tggggtgggt gacttgactg tgagactgga ttataacatg gacaaatctt attttgctta      300
atgtgtttgt gtgtgtgtgt gtgtgtgtgt gtgtatgtat atatatatat ataaatatct      360
ttcccaatat gcccgcgttg cagtgtttta attcc                                           395

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<210> 5164
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 5164
cagaaaacta gcaggttaca ttttataggc tattgtagtt ttattttacca aatgatattc      60
tctaaatcac ttcgaccaat aaatgtattc tctccttaa agcagagttg tatcaactct      120
gtgggagcat ttatgagctg tcagtcccca cacttctagc cagaatcaca ataaggctctg      180
gctgggtgtg ggggtgctgca taggaaaggg tctctggaga agcaagaagg gcacaatcat      240
ggccactgc tcccctcttc ttctcagtgc tctttgcect ctctgctgc gatgcttcc      300

```

```

<210> 5165
<211> 300
<212> DNA

```

<213> Homo sapiens

<400> 5165

ccttcccacc	ttgtgagttc	tcccagcagt	tcctggattc	ccctgccaag	gcactggcca	60
aatctgaaga	agattacctg	gtcatgatca	ttgtccgtgg	gtttggtttt	cagataggag	120
ttaggtatga	gaacaagaag	agagaaaact	tggcgctgac	cctgttatag	tggttatagt	180
ggtgtcccta	aagggaggaa	atgatttcag	caaaactggt	tgaacagcgg	atgaagatat	240
ggaattcaaa	gctctaattg	acctttttga	agagaagttg	tggcttatgt	ggagtttaca	300

<210> 5166

<211> 655

<212> DNA

<213> Homo sapiens

<400> 5166

ccattgttag	catcgtaac	gattgtgatt	tttatgtcaa	aagaagccaa	aacttgcaat	60
actattttta	gcagacaaaa	aaaagaacta	agtataaaat	gtataaatat	ttttgacttg	120
aacatttgga	tggcactggg	tsmamgtaga	gcatccatcc	ttcggatgra	atgtttggaa	180
aaaagagact	tttaaaaagg	agacggttgt	tttaaagagt	ctgttttaggg	gttaaagtac	240
tgtaactcac	gactgttaaa	aaataaaatt	tcctgtgctg	taaaggaagg	tttcacagta	300
ccactgagtt	agatttcagc	cacagatgct	tagctttttt	tttttgtctt	ttttttaagg	360
aggaagcctt	tgttttgttt	tcctgagccc	tcactctggt	tttgtgctgt	tactcggtag	420
agtcaagact	gttacttttt	agccatggct	gacattgtat	caataactaa	aactgaaaca	480
ttcaaaagcg	aacagggaaa	ccgagggcct	caagcgtgct	cagagccgtt	tcagacagtg	540
gaaatccatg	acaaacaaaa	ggatgtgatc	attaattgta	aagcgttttg	taaaattcac	600
atttacaana	taataaagtc	agttcaaacc	taaaaaaaaa	aaaaaaaaaa	aaaaa	655

<210> 5167

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5167

cacctgtgcc	cccaggctca	aggtctctgg	caggtgcaca	ccagcccaac	tctgcagggc	60
ttctytccct	gccaccaccc	cccaagccag	gaccccaactc	cttccccgag	gctgagctga	120
gcctttttcca	ggggcagggc	ccaggagacc	attcccagaa	tccatggggc	agtagccagg	180
gctccggctg	ctggaggaag	cagctatcca	caaagcttcc	tgccccagag	ctgaggctga	240
ggccccggga	gaggcggccc	ctacccaaac	actggctgct	ggcattccac	caagtgaacc	300

<210> 5168

<211> 345

<212> DNA

<213> Homo sapiens

<400> 5168

ttactttttga	ttgtgtctga	tggaactga	gttggtggcc	tttgtgaaat	gaaatttttg	60
gctcttgaga	aagaattctt	atgaattggt	atgcgaattt	tatatattta	aagagggaga	120
tctggggctg	ttatttttaa	acactttttt	tcataataca	tattcccagag	tagatattta	180
taaaatatat	gtttctttca	ttatgtgttt	gtaaaattag	agtttaaata	aatatgcttt	240
gatgcatagt	tttgaactaa	tgtaacatga	tttttctttt	ttaaaacagc	ctgaaaatgt	300
actagtgttt	aaaaataaag	atttccattt	tctccaaaaa	aaaaa		345

<210> 5169

<211> 703

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(703)
 <223> n = A,T,C or G

<400> 5169

cgcgacgggg	gttcagggaa	tatttactgg	gcctctccgc	tccctctgct	cttggaggtg	60
ccatgaggtc	agttagctac	gtgcagcgcg	tggcgctgga	gttcagcggg	agcctcttcc	120
cgcacgcaat	ctgcctcgga	gacgttgata	acgatacggt	aaatgwacys	gtsgygrsag	180
mcrycagmgc	ggaaggtgtc	tgtgtataaa	aatgatgaca	gtcggccatg	gtcacctgt	240
tcctgccagg	gtaatgctga	cttgcgttgg	ggttggagac	gtgtgtaata	aaggaaagaa	300
cctgttggtg	gcagtgaagt	ctgaaggctg	gtttcatttg	tttgacctga	cacctgccaa	360
gggtttggat	gcttctgggc	accacgagac	actaatcgga	gaggagcagn	gnccagtctn	420
caagcagcac	atccctgcca	acaccanggt	catgctgac	agcgacatcg	atggagatgg	480
gtgtcgtgag	ctgggtgggtg	gctacacaga	ccgtgtgggtg	cgagctttcc	gctgggagga	540
gctaggtgag	ggctcctgaac	atctgacagg	gcagctgggtg	tccctcaaga	aatggatgct	600
ggaggggtcan	gtnnagacagn	ctctcagtga	ctctggggnc	actnggtctt	cctgaactga	660
tggtgtctca	gccaggtngg	tgcgttttgc	aattctnctg	ngt		703

<210> 5170
 <211> 404
 <212> DNA
 <213> Homo sapiens

<400> 5170

acaaggacaa	gaaagaaagt	acggttgcaa	cggctggctc	gcatgcatgc	cgacatgatg	60
gaggatgttg	aggaagtata	tgccggagac	atctgtgcat	tgtttggcat	tgactgtgct	120
rgtggagaca	cattcacaga	caaagccaac	agcggccttt	ctatggagtc	aattgatgtt	180
cctgatcctg	tcatttcaat	agcaatgaag	ccttctaaca	agaacgatct	ggaaaaattt	240
tcaaaaggta	ttggcagggt	tacaagagaa	gatcccat	ttaaagtata	ctttgacact	300
gagaacaaag	agacagttat	atctggaatg	ggagaattac	acctggaaat	ctatgctcag	360
aggctggaaa	gagagtatgg	ctgtccttgt	atcacaggaa	agcc		404

<210> 5171
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 5171

gttccccctct	tcttgtgaga	ctgggtccagg	cagcccttct	ggacactgca	tgatcacagg	60
agcagccctc	tgccccataa	tgacggccct	gtcttcgcag	gtggccactc	gggcccgcag	120
ccgctgggta	aggggtgatgc	ctagcctggc	ttattgcacc	ttccttttgg	cggttggcct	180
gtcgcgaatc	ttcatcttag	cacatttccc	tcaccagggtg	ctggctggcc	taataactgc	240
tgttgtcact	ccactctcct	aggcgctgtc	ctgggctggc	tgatgactcc	ccgagtgcct	300

<210> 5172
 <211> 593
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(593)
 <223> n = A,T,C or G

<400> 5172

agcatgccct	aaagagggac	cagctgtagt	aggtcagttt	attcaagatg	tcaagaactc	60
aaggtctaca	gattccattc	gtctcttagc	tctactttct	cttggagaag	ttgggcatca	120
tattgactta	agtggacagt	tggaactaaa	atctgtaata	ctagaagctt	tctcatctcc	180
tagtgaagaa	gtcaaatacag	ctgcatccta	tgcattagga	agcattagtg	tgggcaacct	240
tcctgaatat	ctgccgtttg	tcctgcaaga	aataactagt	caacccaaaa	ggcagtatct	300
tttacttcat	tccttgaagg	aaattattag	ctctgcatca	gtgggtgggc	ttaaaccata	360
tgttgaaaac	atctgggcct	tattactaaa	gcactgtgag	tgtgcagagg	raggraccag	420
gaatgttgtt	gctggaatgt	ctagggaaaa	ctcactctaa	ttgatccagg	aaactcttcc	480
ttccacggst	ttaagggggg	actttgattc	aggggttnatt	catnattgnc	ccgaagggtc	540
agtgggttta	cgggctgttg	aaatttttnac	aattttctctg	naccctntcc	aca	593

<210> 5173

<211> 447

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (447)

<223> n = A,T,C or G

<400> 5173

gacacattaa	aagagagata	tcaaaaaatt	ggtagacacca	aaaggaatac	tcccattgaa	60
gctctctgtg	agaactttcc	agaggagatg	gcaacctacc	ttcgatatgt	caggcgactg	120
gacttctttg	aaaaacctga	ttatgagtat	ttacggaccc	tcttcacaga	cctctttgaa	180
aagaaaggct	acacctttga	ctatgcctat	gattgggttg	ggagacctat	tctactcca	240
gtagggtcag	ttcacgtagg	attctgggtgc	atctgcaata	actygagaaa	gccacacaca	300
tagggatcgg	ccatcacaac	agcagcctct	tcggaaatca	ggtaggttag	ctcaaccaat	360
gggagagctg	gatgttggat	gatccccacg	ggagccccc	ttccaatggc	accattcac	420
agcttcatgc	ccgaggtggg	aggtagtg				447

<210> 5174

<211> 1170

<212> DNA

<213> Homo sapiens

<400> 5174

gggtgcagtg	gctcactcct	ataatcccag	catttttgaa	gtcctatgca	ggaggattgc	60
cagaggccag	gaatttgaga	tcagcctggg	caacatagtg	aaactctcat	ctttataaaa	120
agtaatatta	aaatttttaa	aagtgtataa	actgtaaagt	atattttact	gggtgtttct	180
tccttattcc	tacttgtcag	atgcaaatac	acatttttgt	gtgtttgtgt	ttagtaatta	240
taagtataca	tatttcattc	ttctatttca	tatatttcta	tgacattata	tcttagatgt	300
gtaatttatg	aactactact	ggattatttt	aatccattag	aaattactat	tcaogcattc	360
tgtattcaat	tcatgtgata	gctaataat	ttggttttta	atgcatctta	ttttgtgggt	420
ttcttctagg	ctgttttttg	tgctttcttt	taaaaatata	taggttttta	taatcttaat	480
ttcttttttag	tttgaaatgt	atatactcat	tttattcatt	agtctaagat	aagaattgta	540
acacttctct	aacctattat	agaattgtta	atacctttac	ccttctcttg	aacacatcaa	600
aggatgtcat	tgagtgttgg	tattggagta	tagcatatct	attattctgc	tcaattagaa	660
gatattgttc	atgttgtata	gagataataa	gtaattgtat	tgatctgcag	atgcatccat	720
ctcttggaat	ctcattcctt	ctaccactgc	agaactttca	cctgtaatca	ctttcctttg	780
gccttaagga	taacttttag	ggttactttt	ctactaaatt	tccaattttt	gaccagatat	840
aatcttatat	tgtgctcttc	ctgaaaaata	ctattgttgt	ggatagaaat	ctgggttggt	900
agttattttct	tcagcaattt	gaccatgtca	ttccactgtg	tcctggcct	cctgtatact	960
ggatgtgaat	ggatacaatt	atatattgtg	tttatagttt	tcctgtgcta	taggaacagt	1020
attccccgaa	tctgatgcaa	aggacaacac	accctagaga	ttgtaacagt	gagatgaacc	1080
aagtgattgg	atgggggttt	gagttgctgg	aataatggag	ttacagtgtg	caatgcataa	1140

gcaacataat aaattatata tctggtgaac

1170

<210> 5175

<211> 301

<212> DNA

<213> Homo sapiens

<400> 5175

cgccgcacag	ctgctgaatg	settggrryt	wgstggygcr	ttwcmkerms	ymgsrctstga	60
agctcagccc	tgcccaggtc	cagaccttcc	tgctgtgggg	agcagggggcc	ctggtcgtct	120
actggctgct	gtctctgctc	ctcggcttgg	tcttggcctt	gctggggcg	atcctgtggg	180
gcctgaagct	tgctcatctc	ctggccggct	tcgtggccct	gatgaggctg	gtgcccagcc	240
cttccaccgc	ggccctgcta	ctcctggcct	tgctgatcct	ctacgccctg	ctgagccggc	300
t						301

<210> 5176

<211> 349

<212> DNA

<213> Homo sapiens

<400> 5176

ctgagatctg	cttttactga	agtggatcaa	tgatgaaact	agccaaatct	gagcatcaga	60
agkctttccr	gtctacctga	tgcatgatct	ctacagttct	gagaagcara	actataaaac	120
aatgtaaaac	aataagggca	tatgtctggt	gtgtgtgtgt	gtgtgtgkgk	gtgtgtgtgt	180
gtgtgyacsc	acaygtgttt	ataaaagrtar	cagytgtagg	aatgaatgag	attgrgggtg	240
rgggggtgcr	tatgtatgtc	tatgaaagcc	taatcatttc	tgggcaatga	tgwaaagggt	300
ttackactga	tctttgtaac	tatgatgggt	tctacacttg	acctgggct		349

<210> 5177

<211> 907

<212> DNA

<213> Homo sapiens

<400> 5177

gctgtacgga	gagtgtctga	ccgaggggag	ctgggagcag	gtactgcctc	catcctgagc	60
tgccgtcctt	tgaagggaga	acctggggta	gggttcgagg	agcctggcra	gaactgtgca	120
cctcctcggg	aggagcagcc	ccctcctgtg	ctgctttccc	cctcccttca	atatgtctgg	180
gcggagacyc	kggcctccaa	agtgcatttc	cgggacccca	aatcccagcg	gacgcaccag	240
gctcaggtgg	cgttccagg	gtgtgtgcgc	cctggctcct	acaccccggg	accccttcc	300
gctgcccttg	gagaacctcc	tgacctcac	ttcagtcacg	ccgaacttga	gtgggtcact	360
aaggagaagg	gggccacact	cctctgtgcc	ctgctgggtac	gggtggaatg	aggggtgaga	420
caccactact	acaagcacag	tcgggccgcg	ggcattggga	ctctgagtgg	cgactgctcc	480
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atgtaggcag	gctctcagat	gtagggtggca	agtggcacag	ctccatgtcc	ggaggcccag	600
cactccgtct	gatgggagga	gycgtgggag	cccagctcca	ggccctggta	cccctcttca	660
tgcactgatt	tggggaacat	gactcccttt	tactccccta	ccccacatca	cttaatttat	720
ttccgttttt	gtttctgggt	actgtgaatc	ccagaggagt	ctctccctgt	gcccacatga	780
agctgctttt	tccggggcca	ccgggcccga	gtggggaagg	gtgggcgcac	ggaagatggg	840
ggcctctgta	cagttgttac	tgactctgat	ttctaaggag	ccaataaaca	ccgtctcaga	900
aaaaaaa						907

<210> 5178

<211> 865

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (865)
 <223> n = A,T,C or G

<400> 5178

actttttttaa	cgaatggggg	aagggatcta	tgagaaaggt	ggtatctaata	ttttttatgg	60
accataaagg	tttaaaagaa	aataggggca	caggctgttg	aggtttttat	ggtgttatag	120
accttttttaa	attatgttag	agatgtatat	aggatatttaa	aggtcactgg	gagcggttct	180
gattcccggc	cacactttgc	atttcaacac	tcagcccgga	aagatgctcg	ttcggttggt	240
ggacctcttt	cactccctgc	gtgtaagaag	gtgaatcacg	tgggaaaaag	tggmtyytya	300
gtaaacgggt	acagctcatt	ctttctgaga	aggccccagg	tcctgctccc	tcctcggatt	360
tgattgtctt	ccgtgctttg	cctcactcgt	agtaaatgac	catccataga	atatgtgaat	420
ctttggtgag	cttcagtggg	cagagtgaag	tcccgcatta	gcatttaggt	gccctgagct	480
gtttctgcca	atagattaga	aagcagccat	gagttgacag	tccttagggc	ccctgccagt	540
gtgcaattag	tcattgacaa	gaacaatgcc	atttgagagt	gaggtggtcc	ctgctgctac	600
gaggccattg	tactgttttt	tccttgagg	caaagcagtg	cttcccatag	agtttgctgc	660
ctcttctgtg	gacaggaaga	aaacttcatg	accgaatcag	agccttggtg	gccactgact	720
ctcgtgctta	ttgcagatgc	tgtggttggc	ctcacaagca	acgccttatg	ctgatgtgca	780
gaggtgccag	ctgccawttt	gccaaactct	gcatttcatt	tcataaang	gyttargccc	840
ctcttncttc	cgggggttan	ccgtg				865

<210> 5179
 <211> 952
 <212> DNA
 <213> Homo sapiens

<400> 5179

tgcaacatca	ctgatatcag	catcctttta	aatattatct	gmywcttggt	ctragagcma	60
saaagctggg	aattcyttga	yaragtkawk	masaatgcmk	mcawaatgaa	tgcattyasr	120
ctrytrtggg	ttactagaca	tcaaagtaaa	ggagcagctc	ttggaaaatc	taatcaaggg	180
aaggaagatc	tatgaacctc	cacggtatat	gagtgtaaac	caagcagccc	agcagcttct	240
ggagattggt	caaaatcaaa	gaatacgagg	agaagaacca	gcagttaccg	aggagacact	300
ttgtgttggc	ttagccaggg	ttggagccga	cgaccagaaa	attgcagcag	gcactttaag	360
gcaaatgtgc	actgtggact	tgggagaacc	attgcattcc	ttgatcatca	caggaggcag	420
catacatcca	atggagatgg	agatgctaag	tctgttttcc	ataccagaaa	atagctcaga	480
atctcaaagc	atcaatggac	tttgaacata	gatattttacc	attgtctgat	gtaaatttca	540
gccatatatg	gattgatatg	gtttggatgt	atccccaccc	aagtctcacc	ttgaatttta	600
atcctcataa	ttcccagggt	ttgtggtagg	taattgaate	atgggggcag	ttccctccat	660
gctattctca	tgatagttag	ctttcatgag	atctgatggt	tttataagtg	cctggcattt	720
cccctactgg	ctctcattct	cactcttgcc	gccctgtgaa	gaggtgcctt	ccaccgtgat	780
tgtaagtttt	cctgaggcct	tcccagccat	gtggaactgt	gagtcgaaaa	ttaaacctct	840
tttataatta	cccagtctcg	ggtattttct	catagcagtg	tgagaatgga	ttaataacctg	900
gatgcatgca	tgtttgtgta	acaaacaggt	cttttggtct	atctagtaag	ta	952

<210> 5180
 <211> 657
 <212> DNA
 <213> Homo sapiens

<400> 5180

gtatcacctg	agcaaattctt	ttaaattata	cattctgtga	tatttctctg	actttcttat	60
ccagcacttg	tattgattat	ttttcatttt	gataatgttg	ggttttttaa	aactccttta	120
tgatggaaaa	tttcaaacta	acacaaaagt	agagagagaa	tggataata	aaccactca	180
gttttaagga	ttgtcaacta	ataccagttt	tatttctagt	atgactccaa	caacttcccc	240
aaccagcctt	cagattattt	gaaagcaaat	ttcagacatc	gtattttact	catacatttt	300

ctagtatcta	aatctggaag	agactctttt	ctaacagttc	tgtagcatta	attataactca	360
tactgttgtg	caacaaatat	ccagaaatct	tttgtcttgc	gaaactgaac	ctcttaccce	420
ttaaactacta	actccctttt	ttttcaccct	gaaccatkgg	caaccacaat	tttactttct	480
ttttctgtga	gtttgattac	ttgatacttc	atgtgagtgg	aatcatataa	tayyystctt	540
tytgtgactg	acattttatt	tagcttaatg	tcttcaagtt	tgacccatac	catatcatgt	600
ggcaggattt	ttcccttttt	ttttttttca	gacggrgytc	gytctgtcgc	caggtgg	657

<210> 5181

<211> 969

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(969)

<223> n = A,T,C or G

<400> 5181

ctgggagcga	gacggtggcc	cggcccagcc	ccatggggcca	caccggctgg	tgagacgaga	60
ggatggggca	gcaggggacc	gggacctgcg	ggcagctgtg	gtgaatcagg	acgctgagga	120
gccaggaggc	ctkcctggag	gcggtgctac	gtcgactaca	ggsacagtgt	cggcaggaac	180
tggccaggct	ggtgggagcc	cgccttggtc	tcctctggat	cccgccacct	ggacgctgag	240
ggcctgtcga	cgggcccctcg	tgtgggaagc	ctgccctggc	ccagcctggc	tgggtcttgg	300
aggagcagat	tccaaggcag	gtggcgagcag	gacgatgcag	atgcagagcc	cacgtcacat	360
gctcgctcca	ggggtggggc	tgggctgact	ctggccggat	cccaggcctg	tggctagcag	420
cactggggac	aggaatggct	ggtcccttga	ggaggtcgtg	acaggctcag	cctgggtggc	480
tggaggggac	tcggaaataa	attgtagcag	ctttcctgcc	gctggccctc	cccctgccac	540
cctgtcgggt	ttccctgttt	gggggtggga	gcgtggagga	gcccctggca	ggtggtggcc	600
agtgtagggc	tggccaggtn	ctggaggaca	tgcatacccc	agcactggtg	agtggcagga	660
ccacggggag	gtggcacagg	cctccctgga	gcnngattat	ctcggccccg	cccccttca	720
tttgggctcc	cgctgtgggc	ctggcctggg	ctgtgagcac	agcttgcccc	nacctccggc	780
catggctgtg	nctgggtggg	ncgccggatg	ggagcccggg	gctcttgctt	cctttntccg	840
ggaagtgggt	tgcttccggg	tngggaggna	cagcattggg	acaagagggg	ttttntttcc	900
anaggctgtt	caagcaaagt	tnaagttgat	tccctgacaa	agaagcatnt	gttttcccgg	960
ngaacttgc						969

<210> 5182

<211> 280

<212> DNA

<213> Homo sapiens

<400> 5182

gaggagttaa	atthttgaagc	tctttgagaa	aggtaacctt	tcttaacatg	ttkkwtaaat	60
aaaaatacaa	tggcttattt	aaaatgtccc	tatgcatggg	gaaatgttaa	ataccaagtg	120
gatgaatggg	tctcaaatat	attgtaatgg	agaattattc	acatgcatct	attgtttaaa	180
ctaataagta	aaatagactt	cctttttctg	ttctgtttta	aatgtgcact	aaaattacct	240
gcttgtgggt	aagcatgggc	tggacagttt	attgattttt			280

<210> 5183

<211> 758

<212> DNA

<213> Homo sapiens

<400> 5183

gccacacggg	cccgcacat	ccttgcaatc	tggttccgct	acgacctcag	ccccatcacg	60
gtcaagtaca	cagagagacg	gcagccgctg	tacagattca	tcaccacgat	ctgtgccatc	120

attggcgagg	ccttcaccgt	cgccggcatc	ctggactcat	gcattcttcac	agcctctgag	180
gcctggaaga	agatccagct	gggcaagatg	cattgacgcc	acaccagcc	taatggccga	240
ggaccctggg	catcgccagc	cttgccctcca	gtgcccctgtc	tccttttgcc	ctcaatctgg	300
tcccaaatact	ggctgtgtcc	caaaggggtgt	gtgggaagtgt	gggggaaagt	agaggatggc	360
tcgatgtttt	gcagctacct	cttttccccg	tgtttctttt	tagacaaatt	acactgcctg	420
aagttgcagt	ccccctttcc	ctggggagcc	ccaagaacag	agtcaggcaa	ggggtgggga	480
gtccagggat	cttgggggacc	cctcctagga	gagctgcagt	ctcttccttc	aggggaacat	540
cccagaatgc	atatcgatca	gctctcagcc	aggcttcgac	aatctcgcag	ccccactag	600
gtggacacat	taatgatttk	gtttctcccc	tgggcagcca	acctgcccc	gaggcaccag	660
acctgggctt	tctagctttt	gggaccaggc	tgcccaaagg	tactccttta	tacaccgggc	720
accttccacg	gagatgggta	ctttcccaag	caagcccc			758

<210> 5184

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5184

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tttgactaag	cctccctccc	ctactccctc	ctttccttcc	ttccttcctt	cttctctatc	120
aatataatca	ctttgtttct	ttcaggtgag	atcggaactg	aactgttcgg	ctgcgaccag	180
aaatttattt	tcctgagtaa	attgccgaga	attaagaatg	aagagggcca	tttgcattct	240
cttaaattat	tcagttacct	gctttattgc	tccatgtgga	aaacttaaaa	ttgttaagtt	300

<210> 5185

<211> 333

<212> DNA

<213> Homo sapiens

<400> 5185

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ctaaattctg	tcctccggcc	ataattccaa	aactttctcc	aatgttaggt	atgtaggcta	120
aaatgtgcta	acagcacttg	tgtttttggt	tccttttggt	ttacttttta	ttatggcaaa	180
tttcaaacat	atacagatac	agaatagttt	aatgaactcc	catgttctca	tcattgccagt	240
tcaaacatga	atacatggtc	aaccttgtat	cacttaaaact	cytgcasaca	agccctgccc	300
catcctgttg	ttttgaataa	aatccatcat	tgt			333

<210> 5186

<211> 555

<212> DNA

<213> Homo sapiens

<400> 5186

aaaacactat	ttacctat	ttccaaggaag	gaagtattga	gattgacatt	ccagtcccca	60
aatacttata	ttctgtgagc	tcacaagaaa	ctcagggcgg	cccccttagc	tcctatgact	120
ggaacccatt	gaaaagggtg	ttgtcaaagc	tggagacaaa	gtgaaagcgg	gagattccct	180
catggttatg	atcgccatga	agatggagca	taccataaag	tctccaaagg	atggcacagt	240
aaagaaagtgt	ttctacagag	aagggtgctca	ggccaacaga	cacactcctt	tagtcagatt	300
tgaggaggaa	gaatcagaca	aaaggggaatc	ggaataaaact	ccagcaagga	aatggccagt	360
taagtagtgt	cttctctctc	cacaaaaaag	aggaagtgcc	tccagctttt	ctgggggtct	420
cataaaagagc	agtttttacta	aatgattgta	tgtttatgct	gaacaccttt	catattggag	480
aatcatgcat	ttgggtcact	aattatctca	aaatatttca	tactaataaa	gttgaattat	540
tttttattgg	aagcc					555

<210> 5187

<211> 1029

<212> DNA

<213> Homo sapiens

<400> 5187

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aggctcggct	ggcaagagga	gaaaaggaag	aggaggagga	agaggaggaa	grgatcaaca	120
tctatgcagt	caccgaggag	gagtcggacg	aggaaggcag	ccaggagaaa	ggaggggacg	180
acagccagca	gaagttcatt	gctcacgtcc	ctgttccctc	gcagcaagag	attgaggagg	240
cactgggtgcg	aaggaagaaa	atggaactcc	tccagaagta	tgcaagcgag	accctgcagg	300
cccaaagtga	agaagccaga	aggctccttg	ggtattagga	cccagctggg	gctctccttg	360
gagttcttcc	atcccccagt	ggtacctcag	gacccagggc	tkcagacaca	ggctggtgct	420
gcaagggctc	ctgccccatt	ctcagccttc	cttccctctc	cttgtctcat	gttgaccgga	480
gggtaggggt	ctgtccctgg	tcttcctggg	aggttttgta	cacataattd	gctactgtgt	540
ggatccattt	attdtttattg	tggagtgtat	acaacaggtt	gcgaactggc	tgctgtgtgc	600
ttattdtgac	ttgcactgcc	attdttgagg	gagaagaatc	aattagtggc	aaacatttaa	660
aaatgcaatt	ttttgcagac	caaagtataa	ttttaaaaaa	tgcaaatttd	ctaaaagaca	720
cattctctga	aaaatgagat	gatgtggcca	ggcgcaagtg	cacgcctgta	accccgagac	780
tttgggaggc	cgaggcgggc	gggtcacgag	gtcaagagat	ggagaccatc	ctggccaaca	840
tggtgaaacc	ccatgtctac	taaaaataca	aaaaaattag	ctgggcgtac	tggcatgcac	900
ctgtagtccc	agctgcttgg	gaggctgagg	caggagaatc	acttgaaccc	gagaggtgga	960
ggttgaagtg	agcaagactc	gtgccattgc	actccagcct	ggcgacagag	tgagactctg	1020
tccccccac						1029

<210> 5188

<211> 416

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(416)

<223> n = A,T,C or G

<400> 5188

gnnctataga	atacaagcta	cttgttcttt	ttgcngganc	ccwtckagws	kgaattatag	60
tattgacgtg	aatccactg	tggtatagat	tccataatat	gcttgaatat	tatgatatrg	120
ccatttaata	acattgattt	cattctgttt	aatgaatttg	gaaatatgca	ctgaaagaaa	180
tgtaaaacat	ttagaatagc	tcgtgttatg	gaaaaaagtg	cactgaattt	attagacama	240
cttacgaatg	cttaacttct	ttacacagca	taggtgaaaa	tcatatttgg	gctattgtat	300
actatgaaca	attdtgtaaat	gtcttaattt	gatgtaaata	actctgaaac	aagagaaaag	360
gtttttaact	tagagtagcc	ctaaaatatg	gatgtgctta	tataatcgct	tagttt	416

<210> 5189

<211> 572

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(572)

<223> n = A,T,C or G

<400> 5189

aatggcctgc	ctcacacgtc	agccagaacc	cagctgcccc	agtcaatgaa	gattatgcak	60
gagatcatgt	acaaactgga	agtgtcttat	gtcctctgcg	tgctgctgat	ggggcgctcag	120
sraaaccagg	ttcacagaat	gattgcagag	ttcaagctga	tccttggaact	taataatttg	180

tttgacaaac	tgatttgag	gaagcattca	gcattctgcc	ttgtcctcca	tggtcacaac	240
cagaactgtg	actgtagccc	ggacatcacc	ttgaagatac	agtttttgag	gcttcttcag	300
agcttcagt	accaccacga	gaacaagtac	ttgttactca	acaaccagga	gctgaatgaa	360
ctcagtgcc	tctctctcaa	ggccaacatc	cctgaggtgg	gaagctgtcc	ttcaacaccg	420
acaggagttt	gggtgtgtga	tggggaagag	ggggcttatt	taactcgtct	ggttgcaggt	480
tcattggaaga	aggagccag	caggagtcgt	cttttcaggt	tttnggcaag	ctcggggntg	540
ttgggagagt	tttctcccc	aggggaccac	ct			572

<210> 5190

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5190

taagaatcca	ccaccaccca	tcaattttca	ggaatgggat	ggtctagtaa	ggataacctt	60
tgtaggaaa	aacaagacac	tctctgctgc	atttaaatac	agtgcagtgc	aacaactctt	120
ggaaaaaac	tacagaattc	actgttcagt	ccataatatt	ataataccag	aagatttcag	180
catagcagat	aaaatacagc	aaatcctaac	cagcacaggt	tttagtgaca	aacgggcccg	240
ttccatggac	atagatgact	tcattcagatt	gctacatgga	ttcaacgcag	aaggatttca	300

<210> 5191

<211> 553

<212> DNA

<213> Homo sapiens

<400> 5191

ggtacacgaa	gaggtgataa	tgacagccac	caaggagatt	tgagagccat	tttagaggca	60
tctgttctat	cttcccatca	taaaaaaagc	tctgagggaac	atgaatacag	tgatgaagct	120
cctcaggaag	atgagggctt	tatgggcatg	tccctctctt	tacaagccca	tcattgctatg	180
gaaaaaatgg	aagaatttgt	ttgtaaggta	tgagggaagtc	ggtggcgagt	gatccctcat	240
gatgtactac	cagactggct	caaggataat	gacttcctct	tgcatggaca	ccggcctcct	300
atgccttctt	tccgggcctg	ttttaagagc	attttcagaa	tacacacaga	aacaggcaac	360
atttgagacac	atctcttagg	tatgtaattg	cagtgatgta	atgagctggg	gattcacttt	420
cttccttttt	attttcatgt	atttgagggt	aagcacagaa	cttcagaaat	gtatttggat	480
ttgccatttt	gttttctgaa	tttctaata	tgaattttct	gactgggtta	ctcgtagttt	540
atcctggttt	gca					553

<210> 5192

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5192

atcagtatga	actcttaaaa	catgcagaag	caactctagg	aagtgggaat	ctgagacaag	60
ctgttatgtt	gcctgagggg	gaggatctca	atgaatggat	tgctgtgaac	actgtggatt	120
tctttaacca	gatcaacatg	ttatatggaa	ctattacaga	attctgcact	gaagcaagct	180
gtccagtcac	gtctgcaggt	ccgagatatg	aatatcactg	ggcagatggg	actaatatta	240
aaaagccaat	caaatgttct	gcacccaaat	acattgacta	tttgatgact	tggtttcaag	300

<210> 5193

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5193

gaaccaagaa	aatatttaaa	aatctaagca	gtcctttgct	cattaaagga	taaatacagta	60
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gttaacactt	tttctacaaa	gaaatgggtg	gcctggatgg	tcgtgtaggt	gagttttacc	120
aaggattatg	gtaacaaatg	agtgagacct	ctatggagaa	aatattgaag	gacattaaag	180
aagacctcat	aaatggagag	agatatatca	ttaatggata	ggaagcctca	atggcataag	240
tatgtcagtt	tctttcaaaa	ctcacctatg	gattcaatgt	gattccaaac	caaatcccaa	300

<210> 5194

<211> 575

<212> DNA

<213> Homo sapiens

<400> 5194

ggacaagtcc	aagaaactgg	cggagcaggc	tgcagccatc	gtctgtctgc	ggagccaggg	60
cctccctgag	ggtcggctgg	gtgaggagag	cccttccttg	cacaagcgaa	agagggaggg	120
tcttgaccac	gacctggggg	gccccagagc	tcaggagcta	gcacaacctg	gggatctgtg	180
caagaagccc	tttgtggcct	tgggaagtgg	tgaagaaagc	cccctggaag	gctggtgact	240
actcttcctg	ccttagtcac	ccctccatgg	gcctggtgct	aaggtggctg	tggatgccac	300
agcatgaacc	agatgccgtt	gaacagtttg	ctggtcttsc	ctggcagaag	ttagatgtcc	360
tggcaggggc	catcagccta	gagcatggac	caggggccgc	ccaggggtgg	atcctggccc	420
ctttggtgga	tctgagtgc	aggggtcaagt	tctctttgaa	aacaggagct	tttcagggtg	480
taactcccca	acctgacatt	ggtactgtgc	aataaagaca	ccccctacct	tcacccacgg	540
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<210> 5195

<211> 477

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (477)

<223> n = A,T,C or G

<400> 5195

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aagtacttcc	tattgaagac	agtggaccag	cacatgaagc	tggccttctc	caagggtcttg	120
cgacagacaa	agaagaaccc	ctctaatecc	aaggataaaa	gcacgagtat	ccggtacttg	180
aaggcccttg	gaatacacca	gactggccag	aaagttacag	atgacatgta	tgcagaacag	240
acggaaaatc	cagagaatcc	attgagatgt	cccatcaagc	tctatgattt	ctacctcttc	300
aaatgcccc	agagtgtgaa	aggccggaat	gacacctttt	tacctggaca	cctggaggcc	360
agtgggtggg	ccccccaaca	ggcccaatct	ggttaytcag	tccagcctat	tcaggcagag	420
aggcagatgg	gggacaattg	tttgacgcgg	gttcnggggt	gattaaggag	gaantttt	477

<210> 5196

<211> 555

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (555)

<223> n = A,T,C or G

<400> 5196

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tctatgcctt	tccggctgct	catcccgcct	ggcctcctgt	gygcgctgct	gcctcagcac	120
catggtgcgc	caggtcccga	cggctccgcg	ccagatcccg	cccactacag	ggagcgagtc	180

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aaggccatgt tctaccacgc ctacgacagc tacctggaga atgcctttcc cttcgatgag      240
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gatgcactgg acaccttgct gattttgggg aatgtctcag aattccaaag agtgggttgaa      360
gtgctccagg gacagcgtgg gactttgata ttgatgtgaa cgcctctgtg tttgaaacaa      420
acattcgagt ggtagggagg actcctgtct tgttcatctg cttttccaag aaggctgggg      480
tggaagtag aggctggatg ggccgtgttc cggggccttt ccttgagaat tggctnagga      540
nggcggcccg aaaat                                         555

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<210> 5197

<211> 1175

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1175)

<223> n = A,T,C or G

<400> 5197

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gagacaagat ggtgaaggaa ctgagcctga tgaagagtca ggaaatggag cacctgttcc      120
tgtacctcca aagagaacag ttaaaagaaa tatacccaag ctggatgctc agagattaat      180
ttcagagaga ggacttccag ccttaaggca tgtatttgat aaggcaaaat tcaaaggtaa      240
aggtcatgag gctgaagact tgaagatgct aatcagacac atggagcact gggcacatag      300
gctattccct aaactgcagt ttgaggattt tattgacaga gttgaatacc tgggaagtaa      360
aaaggaagtt cagacctgtt taaaacgaat tgcacttgat ctccctattt tacatgaaga      420
ttttgttagc aataatgatg aagttgcgga gaataatgaa catgatgtca cttctactga      480
attagatccc tttctgacaa acttatctga aagtgaatg tttgcttctg agttaagtag      540
aagcctaaca gaagagcaac aacaaagaat tgrgrgaaat waaccaactg gccytggaaa      600
gaaggcagggc aaagctgctg agtaatagtc agaccctrgg aaatgatatg ttaatgaata      660
caccaggggc acacacgggt gaagagggtta atactgatga ggatcaaaag gaggagtcaa      720
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atgaagagga aacactgctg gaccagtctt ttaaaaatgt gcaacagcaa cttgatgcta      840
catccagaaa tattactgaa gctagataag tttccattaa gagaaaatgt atctgttaag      900
tcacgtcctt gcaagcttgg cgttactatg tttttttct tcttgagtg aaaatcctta      960
gatagtaaaa ctgttataga ttattgttta aaatctgata atctggtatt tatttataat      1020
tatggggctt gtcactttag ttaaacttat ttgtntctct tagtgtttgt ttttatatag      1080
gtatttcttc ataaaatgat taggaggtta tangcagttt ctgctgctgg tctgtcattg      1140
aatgccttgt tttcactaag ttgggaggtt tgggtt                                         1175

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<210> 5198

<211> 752

<212> DNA

<213> Homo sapiens

<400> 5198

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aacaagtttg ccttctccta tgttttccag aaatgacttc agtatctgga gcatcctcag      120
aaaatgtatt ggaatggaac tatccaagat cacgatgcca gttatattta atgagcctct      180
gagcttccca cagcgccctaa ctgaatacat ggagcatact tacctcatcc acaaggccag      240
ttcactctct gatcctgtgg aaaggatgca gtgtgtagct gcgtttgctg tatctgctgt      300
tgcttctcag tgggaacgga ctggaaaacc tttcaacca ctgctgggag agacttatga      360
attagtgcga gatgaccttg gatttagact catctccgaa caggtcagcc atcaccacc      420
aatcagtgc tttcatgctg aaggattaaa caatgacttc atctttcatg gctctatcta      480
tcccaaactg aaattctggg ggaagagtgt agaagcagaa cccaaaggaa ccatcacctt      540
ggagctcctt gaacacaatg aggcataatac atggacaaat cccacctgct gtgtgcataa      600

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1801

tatcattgtg	ggtaaactgt	ggatcgaaca	gtatggcaat	gtggaaatta	taaaccacaa	660
gactggggac	aaatgtgtgt	tgaattttta	gccatgtggc	ctttttggta	aggaattaca	720
caaagttgaa	ggctacattc	aagataaaaag	ca			752

<210> 5199
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 5199						
aagagaagct	gagacttctg	cttccacacc	ccctgcaagt	gctttcttga	aggcctgggt	60
gtatcggcca	ggagaggaca	cggaggagga	ggaagatgag	gatgtggata	gtgaggataa	120
ggaagatgat	tcagaagcag	ccttggggaga	agctgagtca	gaccacatc	cctccacccc	180
ggaccagagg	gcccacttca	ggggctgggg	atatcgacct	ggaaaagaga	cagaggaaga	240
ggaagctgct	gaggactggg	gagaagctga	gccctgcccc	ttccgagtgg	ccatctatgt	300

<210> 5200
 <211> 530
 <212> DNA
 <213> Homo sapiens

<400> 5200						
ggatttctcc	tccttccgcg	ctttctgcgt	gacactggct	gtcagctctg	ggctgggctt	60
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ctcaggcctg	gttgtggata	gcggcctgtg	tggagaggag	ctgcttgtrg	gcagtgagga	180
ggcggacagc	atcaccttgg	gcccgtatct	ccggcagctg	gcacgccatc	ggaacttcct	240
gtggttcctg	agcatggacc	tgggtgcagg	cttscastgs	cwctwermcw	gyaayyyckw	300
cmctctcttc	ctggagcatc	tgttgctcca	ccatatctcc	ctttccacgg	gctccatcct	360
gttgggcctc	tcctatgtcg	ctccccatct	caacaacctc	tacttctctg	ccctgtgccg	420
gcgctggggc	gtctacgcgg	tgggtgcggg	gctcttcctg	ctcaagctgg	gacttagcct	480
gctcatgttg	ttggccggcc	cggaccactc	agcctgctgt	gcctcttcat		530

<210> 5201
 <211> 837
 <212> DNA
 <213> Homo sapiens

<400> 5201						
atacactgca	tttctgtgtg	ctgtttttat	atagtgaagc	aacagctgta	cagcaaaaata	60
ataaaatact	cacttcttcg	ttaaaaaaa	aaaaatttac	ttcttacaat	tctggaggcc	120
aggaagacca	tgatcagggt	ccagcatctg	ggaagggcct	tcttgtgtgc	ctcccatggc	180
agaagatgga	agggcaagg	agagctaaca	tgctcccgca	aacccttttt	ataatggcat	240
caatcaata	tgaggccaga	gtccttgtga	cctaatacat	tcccaraagg	ctccgcyycc	300
aacctgtgtg	cattgggatt	aagtttccaa	cacatgaatt	gtggagacaa	cacattcaaa	360
acatagcatt	ccacaccttg	ggctccccag	attcatgtcc	tcacatgcaa	aataaattca	420
ttccatccca	atagccccta	aaaagtctta	acttggtcca	gcatcaactt	taaagtcaaa	480
gtccaaagtc	tcactctaat	cagatatgag	tgagactcaa	ggcatgattc	atcatgagac	540
aaaggatgta	catttgcaat	gtttgtcatg	tcagacaaaa	caaaaatatg	taaatatcca	600
tcaataggga	actgtgaaa	aatttttttg	tataatcata	aaatgaaaca	tgcagatgtt	660
taaaccaatg	agctagatct	caacgtgctg	atatggaaag	tgcttcagaa	tgtattaagg	720
acataaatta	agtgtacaat	aatgtgtgtg	tgtgtatata	tgtatatgct	tacgtgtgta	780
tggaaagtat	ctcagcagat	acaataaaaa	cttaattgtg	attaaaaaaa	aaaaaaa	837

<210> 5202
 <211> 589
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(589)

<223> n = A,T,C or G

<400> 5202

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aaactaatga	aatacctttt	arwwcrgcws	aragaaaggt	ttaaagacaa	aaaacatctg	180
gataaattct	cttcttatca	tgtgaaaact	gccttctttc	acgtatgtac	ccagaaccct	240
caagacagtc	agtgggaccg	caaagacctg	ggcctctgct	ttgataactg	cgtgacatac	300
tttcttcagt	gcctcaggac	agaaaaactt	gagaattatt	ttattcctga	attcaatcta	360
ttctctagca	acttaattga	caaaagaagt	aaggaatttc	tgacaaagca	aattgaatat	420
gaaagaaaca	atgagtttcc	agtttttgat	gaattttgag	attgtatttt	ttagaaagat	480
ctaagaacta	gagtcaccct	aaatcctggg	agawtacaag	awaaatttgg	aaaagggggc	540
agacgctgtg	gcttcacacc	tgtagtcccc	agcttctttt	ggngggggcc		589

<210> 5203

<211> 551

<212> DNA

<213> Homo sapiens

<400> 5203

gcatttggcc	cattggccgc	attctgctga	cccatcacct	tggtgctttt	tctgcttttt	60
ctcygtygtm	ctctgtgtgt	gttcctttgt	cctgacccct	gtcaccttgt	gggtccaaaa	120
tggttccact	agcctcatgg	agcctggcct	tacattgcag	agtcacaaagc	aggagctgag	180
ggaaaatgaa	aaacaacttc	ttcatcaccg	gaagcccagc	aaacttctcc	ttaaaaatca	240
ctggtcaggg	ctgggtgcag	tggtctcacac	ttgtaatgcc	agcactttgg	gaggctgaga	300
tgggcagatc	acctgagggtg	aggagttcga	gaccagcctg	gccaacatgg	tgaaacctca	360
tctctacaaa	aatgcaaaaa	ttagccgggc	ctgggtggcgt	gtgcctgtaa	tcccagctac	420
tcaggagggt	gaggcaggag	aattttcatga	acctgggagg	cggagggttg	agtgagccaa	480
gactgtgcc	ctgccttcca	gcctgggtga	cagaatgmga	ctctatcttt	araaacacaa	540
aacaagtcga	c					551

<210> 5204

<211> 345

<212> DNA

<213> Homo sapiens

<400> 5204

gtccagaaat	actctgatac	tagctatggt	cagcaacatt	taatgaaaac	settatgtta	60
aaaataaacc	cctgcctcct	ggcttcaagc	gattctcctg	cctcagcctc	ctgagtagct	120
gggagtatag	gcacgtacca	ccacacccag	ctaatttttt	gtattttttac	tagagatggg	180
tttcacagtg	ttagccagga	tggtttcgat	ctcctgacct	catgatccgm	ccgcctmggc	240
ctcccaragt	gctgagatta	caggcgtgag	tcactgtgcc	cggcctcaaa	atsttargaa	300
aaggttcttt	tggtgcatg	gagttttaca	tggaataaaa	ttagt		345

<210> 5205

<211> 458

<212> DNA

<213> Homo sapiens

<400> 5205

ggatattcat	taccctgaga	atgaaatgac	ctgcaattcg	aaaatcagct	gtatcagttg	60
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gagtagttac cataagaacc tgtagctag cagtgattat gaaggcactg ttatttttatg 120
ggatggattc acaggacaga ggtcaaaggt ctatcaggag catgagaaga ggtgttgagg 180
tgtagctttt aatttgatgg atcctaaact cttggcttca ggttctgatg atgcaaaagt 240
gaagctgtgg tctaccaatc tagacaactc agtggcaagc attgaggcaa aggctaattg 300
gtgctgtgtt aaattcagcc cctcttccag ataccatttg gctttcggct gtkcagatca 360
ctgtgtccac tactatgatc ttcgtaacac taaacagcca wtcatggtat tcaaaggaca 420
ccgtwaagca gtctcttatg caaagttttt gagtggtt 458

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<210> 5206

<211> 548

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (548)

<223> n = A,T,C or G

<400> 5206

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agctgttgta atgcagttta ttatggaaat ggccaaaaac tgtaattgtg atccaagagg 120
gtgttttcgt ttatttttcc agaaagccaa agcagaggaa gaaggttatt ttgaagcatt 180
caaaaatgaa cttgaagctt tcaagtcaag agtaagactt tattctcaat cacaagttt 240
tcaacctatg acagttcaga atcatgttcc ccattctggt gttggatcta taggtttatt 300
agaatcctta ccacagaatc cagattatct tcagtattct atcagtacag ctctctgcag 360
cttaaactcg gtggtacata aagaagatga tgaacccaaa atgatgggac actgtataat 420
ttgggttaag actgctgagg ccaagtgcta tttgtttaca ggaaagggag gaacttgggc 480
tattttcttg gacactttta tgggggtgct ggcactttat tttttgttcc ggtttttgtn 540
gggngggg 548

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<210> 5207

<211> 934

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (934)

<223> n = A,T,C or G

<400> 5207

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aaaacataat ttctgtttca tggagatgaa tacaaggctg caagtggaac atcctgtttac 60
tgagatgata acaggaactg acttggtgga gtggcagctt agaattgcag caggagagaa 120
gattcctttg agccaggaag aaataactct gcagggccat gccttcgaag ctagaatata 180
tgcagaagat cctagcaata acttcatgcc tgtggcaggc ccattagtgc acctctctac 240
tctcagagca gaccttcca ccaggattga aactggagta cggcaaggag acgaagtttc 300
cgtgcattat gaccccatga ttgcgaagtg rntcgtgtgg gcagcagatc gccaggcggc 360
attgacaaaa ctgaggtaca gccttcgtca gtacaatatt gttggactgc mcaccaacat 420
tgactttcta ctcaacctgt ctggccaccc agagtttgaa gctkkggaacg tgcacactga 480
tttcatccct caacaccaca aacagttggt gctcagtcgg aaggctgcag caaagagtct 540
ttatgccagg cagccctggg tctcatcctc aaggagaaag ccatgaccga cactttcact 600
cttcaggcac atgatcaatt ctctccattt tcgtctagca gtggaagaag actgaatata 660
tcgtatacca gaaacatgac tcttaaagat ggtaaaaaca gttttcgtct cctcggataa 720
tcaaccattt ccatactcat gtaatctagg catactctgg agttattaca ggtttgggtc 780
cagaccacta caataaaatg tagccatagc tgtaacgtat aaccatgatg ggtcttatag 840
catgcagatt gaagaaaact ttccaagtcc ttgggtaatc tttacagccg agggagactg 900

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cacttacctg aaatgttccg ttaatgggag ttgc

934

<210> 5208

<211> 934

<212> DNA

<213> Homo sapiens

<400> 5208

gttagctcga	ggggcaata	aagagcacag	gaatkwwtct	gattacacac	ctctaagtct	60
ggctgcttct	ggtggctatg	tgaacatcat	caaaatatta	ctaaatgcag	gagctgagat	120
taactctaga	actggtagca	aattgggcat	ctctcctctg	atgttagcag	ctatgaatgg	180
gcatacagct	gctgttaagc	tcctgttaga	catgggctct	gacataaatg	ctcagataga	240
aaccaatcgg	aacactgccc	ttacttttagc	ctgcttccaa	ggaagaactk	aagtgggttag	300
tcttctgctt	gatagaaaag	caaagtgtga	acacagagct	aagactgggtc	tcacaccayt	360
aatggaggct	gcctctgggtg	gatatgcgga	ggtggccgag	ttcttttggga	taaagatgct	420
gatgttaatg	ccctccagtt	cctcctcaag	agatacagct	ttaaccatag	cagcagataa	480
gkgcattaca	aattctgtga	gcttcttatt	ggcaggggag	ctcatattga	tgtacgtaac	540
aagaagggga	acactccatt	gtggctagca	gcaaagtgtg	gacacctcga	tgtgggttcag	600
ttactgggtg	aagcaggtgc	agatgtggat	gcagcagata	accgcaagat	aactcctctt	660
atggcagcat	ttagaaaggg	tcatgtgaag	gtggtgcgct	acttagtcaa	agaagtcaat	720
cagtttccat	cagattctga	atgtatgaga	tacatagcaa	ccatcactga	taaggagatg	780
ctgaagaagt	gtcatctttg	tatggagtca	atagtacaag	ccaaagatag	acaggctgct	840
gaagcaaaca	aaaacgccag	cattttgtta	gaggagttag	acttggaana	gttaagggaa	900
gaaagtcgga	ggctggcctt	ggctgcgaaa	agag			934

<210> 5209

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5209

gcgggcacgg	cggtggctcg	gtctcccggc	tgcgcgcgga	gcgggagggc	tctcctcaca	60
caagcgcttc	cttgccgaga	ggctggagct	gcggcacccg	aggcctgagc	cacccttctt	120
ctgctgtctc	cttctcttcc	tcagggctcc	cgtgtctgct	cgccctccga	cgctgctcag	180
actatggaaa	tgatgttaga	caaaaagcaa	attcaagtga	tttcttattt	caagttcaaa	240
atgggtcata	aagcagcaga	gacaactcgc	agcatcaaca	atgcatttgg	cccagaaatt	300

<210> 5210

<211> 711

<212> DNA

<213> Homo sapiens

<400> 5210

ccccctcctt	ctgtctctgg	agacccttga	gcttggggaa	atatggaggg	gtgtgtgtct	60
gcaatcaagg	cctctgcagc	tcacggctgg	cccgggtggc	tgggacttcc	gtctgaattt	120
taaatactta	gggttcattt	ttttttctct	gggcaacaaa	gcttgatgtt	ttcactgctt	180
tagtttctctg	tttgctgggtg	ggaggggata	cggctctgtga	ctctggactt	gctctggggg	240
aacagttgtc	actgcccccg	gggagagggg	cagcttgggc	tggagaagca	cagccagaga	300
cagagccccct	cgagaggggat	ccttggctgc	ttcattgtct	ttccccccagc	aagccctgct	360
ctccacaggc	acctctgggg	tcttgggtatg	gtccccgctc	acctccttcc	agagtcctga	420
gtgggtgtggg	tgtgggtggc	acaggatctg	gggcatggga	ggggttcaga	gcttcccaga	480
gccccgtgtc	ctggcagact	cagctgggtg	gctgggggtg	taaccccagt	cctggcgtag	540
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cccctaccaa	agcacaaggt	gggatcaggc	tgccctcctg	gttgggtgtc	gggggagctg	660
tccggcagcc	tggcagggag	atgcaagggc	taaagtaaaa	ttttgtcaag	t	711

<210> 5211
 <211> 839
 <212> DNA
 <213> Homo sapiens

<400> 5211

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ccttcctact	accagggggt	gtactcccgg	ccccatttat	gaactcctct	taagaagacg	180
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ccccaccccc	aacacccccca	agacagcagt	cttccttcac	ccgctgcagc	ygttccgtcc	360
caaacagagg	gccacacaga	tacccacagt	tctatataag	gaggaaaacg	ggaaagaata	420
taaagttaaa	aaaaagcctc	cggtttccac	tactgtgtag	actcctgctt	cttcaagcac	480
ctgcagattc	tgattttttt	gttgttgttg	ttctcctcca	ttgctgttgt	tcaggggaag	540
tcttacttaa	aaaaaaaaaa	aaattttgtg	agtgactcgg	tgtaaaacca	tgtagtttta	600
acagaaccag	agggttgtac	tattgtttta	aaacaggaaa	aaaaataatg	taagggtctg	660
ttgtaaatga	ccaagaaaaa	gaaaaaaaaa	gcattcccaa	tcttgacacg	gtgaaatcca	720
ggtctcgggg	ccgattaatt	tatggtttct	gcgtgcttta	tttatggctt	ataaatgtgt	780
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<210> 5212
 <211> 603
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(603)
 <223> n = A,T,C or G

<400> 5212

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ttcagactga	ccaatgcatt	tttttcagtg	acagtctgta	gcagttgaag	ctgtgaatgt	120
gctaggggca	agcatttgtc	tttgatatgt	gtgaattttt	tcagtgtaac	aacattatct	180
gaccaatagt	acacacacag	acacaaagtt	taactggtac	ttgaaacata	cagtatatgt	240
taacgaaata	accaagactc	gaaatgagat	tattttggta	cacctttctt	tttagtgtct	300
tatcagtggg	ctgatttcatt	ttctacnttn	aancagnngg	ttttctgacc	angaatatgg	360
ctnnggatttt	ttngaaaagta	caaaaangcca	catagttttt	ccagaaaggt	ttcaaaactc	420
ccaaagatta	acttccaact	tataagtttg	tttttatatt	caatctatga	cttgactggg	480
tattaaagcc	gctattttgga	tagtaattaa	atatgggtgg	cattgatata	aaccngtttg	540
gggtcagcaa	accaacctaa	atggatggcn	aagaccngng	gtttaatttt	cccggtgggg	600
gtg						603

<210> 5213
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 5213

ccaaggcgca	gcccgattct	gccccctacg	attggttcgg	ggacttctcc	tccttccgtg	60
ccctcctaga	gccggagctg	cggcccgagg	accgtatcct	tgtgctakgt	tgcggaaca	120
gtgccctgag	ctacgagctg	ttcctcggag	gcttccctaa	tgtgaccagt	gtggactact	180
catcagtcgt	ggtggctgcc	atgcaggctc	gctatgccca	tgtgccgcag	ctgcgctggg	240
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<210> 5214
 <211> 492
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(492)
 <223> n = A,T,C or G

<400> 5214
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 atgaaaaccc tgggagtcca ggcgcccaag ttggagaaga aggatgccaa ggagatcccc 180
 agtggcacc cagagcccat cagtaagaag cggaagaaaa agggattctt gccagagacg 240
 aagaagcgca agaaacgcaa gtcagaggat ggcacgccag cggaggatgg cacacctgca 300
 gccaccggcg ggagccagcc ccncagcatg ggcaggaaga agaggaacag gacaaaggct 360
 aaggtcccag cccaggcaaa cgggacgcc accaccaaga gtccagcccc tggcgccnc 420
 acccgagacc ccagcacc cgcacaaatcc ccaaaactgc agaagaaaaa ccagaagccg 480
 tcccaggtga at 492

<210> 5215
 <211> 1011
 <212> DNA
 <213> Homo sapiens

<400> 5215
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 ctgtggctag cgattttctac ctgcgtact acgtagggca caagggaag tttgggcacg 120
 agttttctgga gttcgaattt cggccggacg gaaagcttag atatgccaac aacagcaatt 180
 acaaaaatga tgtgatgatc agaaaagagg cttatgtgca caagagtgtg atggaagaac 240
 tgaagagaat tattgatgac agtgaaatta caaaagaaga tgatgctttg tggcctcccc 300
 ctgatagggt tggccgacag agcttgaaat tgtaattgga gatgagcaca tatcttttac 360
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 agtattttac tatttggtac aagacttgaa atgtttagt ttcagtctta ttggattaca 480
 cttcaagatt aaaccaattt aaattgtatg ttttcaggct gtttgtatat ttaattaagg 540
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 aaaaaatttg tatgtaaact gaaaataaga aaatacatta gcaagcttaa tggttatcct 660
 tacttgagtc cacatgggtt ggacagtccc cacacacatt aaattctgta aatgaaagcc 720
 accttttgtt aaaaatttgc tctaataaaa cataccacaa cctgggttgca gagtattttt 780
 ttgttttttc caggaggcta tgtctctaatt tcactttaga gataataaga aattgttctg 840
 gtagatatat cctgtgacag aagatacttt aggtggaact atgtagccag attcccatcc 900
 atgaaaggca agtgtagatt gtcccttatt tccttcatac atgattggat ttaatttttg 960
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<210> 5216
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 5216
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 aagtggatat ctactcagac agtaagaatt ataagagctg taagagctca ttttgaggga 180
 ataattgatg aaccatctcc cttggcccaa cctctggagc tgaaccagca ctctcgattc 240
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<210> 5217
 <211> 1544
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1544)
 <223> n = A,T,C or G

<400> 5217

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gtacgagacg	aggttcctgt	gcaactcttc	acaggagtgg	aagagactag	gagtcgagca	180
gckgcrscgw	srcacagta	gacatgactg	ggatccccac	cttggacaac	ctccagaagg	240
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ctgggcgctc	caggagtncc	actatggtgg	cagcatacct	gattcagggtg	cacaaatgga	360
gtccagagga	ggctgtaaga	gccatcgcca	agatccggtc	atacatccac	atcaggcctg	420
gccagctgga	tgttcttaaa	gagttccaca	agcagattac	tgcacgggca	acaaaggatg	480
ggacttttgt	catttcaaa	acatgatgta	tggggattag	aaagaactca	agacactcct	540
gcttgataca	gaacaaaaag	agcttaacag	gaccaacang	gcttaagccc	agacttgacg	600
taacagaaat	gtgccaatag	gtaataggta	atcttctctt	ctctgacttg	ttttgttttc	660
ttgaaataac	actgttgtgt	ggctagaaag	gaaaagattt	agtgtggctt	gtattcaygg	720
gatacaggac	agggatgggg	ctatcatctt	ttcttgaata	gggctaaaga	agtattttta	780
caaaaatcta	ttatgtacct	aatattgtgc	ctaataatat	ttagcaccac	aactcaaaaa	840
acatttagca	cttgaaaaaa	ggagactcac	ctctggctct	ttgccactgt	cagaatctga	900
atctcactgg	ccctgtggag	tagggatcct	atctggagaa	gtgggagcat	gggctgcagt	960
caggactgct	gcagactgag	ccatgtgatg	gtacgtaatg	agttcccctg	agggaatgaa	1020
acacccccct	caccoccttca	aagtcacccc	tttgggaattc	aacacagaca	cacatatccc	1080
ttcaaaaact	tttatttgta	tcaacagttc	ctagctcttg	acttagctta	gagcttttaa	1140
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catttctatt	ttctggctta	ccccttggaa	taagccaaaa	ataaaaacca	agttacattt	1260
cctgacagat	ggctaagaaa	acaatagaag	gaacatcctg	aattctagag	ttgactcttg	1320
ctggtgaagt	acaccttcag	gcttaggtcc	attctcctaa	gtaaagcctg	aaggaaaact	1380
cttaacacct	aattctttgt	gggaaaaatg	atcaactagg	ccatttcaca	ggctwtagaa	1440
cmaaagtaac	attgggcata	tttccytatg	tcckgggatc	aggggwgctt	acatttaaca	1500
ttgatcaggt	aaagaggaga	ggctgtgcta	aggtctgaga	aaag		1544

<210> 5218
 <211> 948
 <212> DNA
 <213> Homo sapiens

<400> 5218

ggctagcgat	ttctacctgc	gctactacgt	agggcacaag	ggcaagtttg	ggcacgagtt	60
tctggagttc	gaatttcggc	cggacggaaa	gcttagatat	gccaacaaca	gcaattacaa	120
aatgatgtg	atgatcagaa	aagaggctta	tgtgcacaag	agtgtaatgg	aagaactgaa	180
gagaattatt	gatgacagtg	aaattacaaa	agaagatgat	gctttgtggc	ctccccctga	240
tagggttggc	cgacaggagc	ttgaaattgt	aattggagat	gagcacatat	cttttaccac	300
atcaaaaata	ggttctctta	ttgatgtaaa	tcagtcaaa	gatcctgaag	gccttcgagt	360
attttactat	ttgggtacaag	acttgaaatg	tttagttttc	agtcttattg	gattacactt	420
caagattaaa	ccaattttaa	ttgtatgttt	tcaggctgtt	tgtatattta	attaagggat	480
gggagggggt	atttgtcatt	tacagtattg	gggtttttat	gaatgtgaag	caaacaaaaa	540
aaatttgat	gtaaactgaa	aataagaaaa	tacattagca	agcttaatgg	ttatccttac	600
ttgagtccac	atgggttgga	cagtcaccac	acacattaaa	ttctgtaaat	gaaagccacc	660
ttttgttaaa	aatttgctct	aataaaacat	accaaatect	ggttgcagag	tagttttttg	720

ttttttccag	gaggctatgt	ctctaattca	ctttagagat	aataagaaat	tgttctggta	780
gatatatcct	gtgacagaag	atacttttagg	tggaaactatg	tagccagatt	cccatccatg	840
aaaggcaagt	gtagattgtc	ccttatttcc	ttcatacatg	attggattta	atthttggggg	900
gcttatacaa	ggtctagttt	ttttttacag	ttatgacaaa	cccctcag		948

<210> 5219

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5219

gctgggagta	taggctgagt	taggaagatt	gcttgagccc	ggaaggcaga	agttgcagtg	60
agccaagatc	gcgccactgc	actcccaact	ggacgacaaa	gcgagatact	gggagtatatg	120
gcattcgcca	ccctgggcaa	catagcaaga	ccctgtgtct	acaaaaaatt	taaaaaaaat	180
tagcctgtag	ccctagctat	gcaggagggtg	gaggtgggag	aattgcttga	acccaggagt	240
ttgaggttac	agcgagctgt	gatagcacca	ctgcactcca	gcctgggcca	cagagcaaga	300

<210> 5220

<211> 1043

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1043)

<223> n = A,T,C or G

<400> 5220

taaaaaacca	ccttttgttc	gaaactccct	ggagcgacgc	agcgtccgga	tgaagcggcc	60
gtccccaccc	ccacatcctt	cctcgggtcaa	gtcgtgcgc	tccgagcgtc	tgatccgtac	120
ctcgtcggac	ctggagtttag	ascwssaggc	gacaagaacc	tggcacagcc	aattgaccca	180
ggagatctcg	gtgctgaakg	agctcaagga	gcagctggaa	caagccaaga	gccacgggga	240
gaaggagctg	ccacagtggg	tgcgtgagga	ckagcgtttc	cgcttgcgtc	tgaggatgct	300
ggagaagcgg	cagatggacc	gagcggacac	aaggggtgagc	ttcagacaga	caagatgatg	360
agggcagctg	ccaaggatgt	gcacaggctc	cgaggccaga	gctgtaagga	acccccagaa	420
gttcagtctt	tcagggagaa	gatggcattt	ttcaccgcgc	ctcggatgaa	tatcccagct	480
ctctctgcag	atgacgtcta	atcgccagaa	aagtatttcc	tttkttccay	tgaccaggct	540
gtgaacattg	actgtggcta	aagttattta	tgtgggtgta	tatgaaggta	ctgagtcaca	600
agtcctctag	tgctcttgtt	ggtttgaaga	tgaaccgact	ttttagtttg	ggtcctactg	660
ttgttattaa	aaacagaaca	aaaacaaaac	acacacacac	acaaaaacag	aaacaaaaaa	720
aaccagcatt	aaaataataa	gattgtatag	tttgtatatt	taggagtgtg	tttttgggaa	780
agaaaattta	aatgaactaa	agcagtattg	agttgctgct	cttcttaaaa	tcgttttagat	840
tttytsgtt	gtacagctcc	accttttaga	ggtcttactg	caataagaag	taatgcctgg	900
gggacggtaa	tcctaataag	acgtcccgcg	cttgtcacag	tacagctaata	ttttcctagt	960
taacaatttg	tcatattamm	mmntgcacag	ammaccattg	ggggggattc	agaggtgcat	1020
ccacccccggn	tcttcttgag	ctg				1043

<210> 5221

<211> 796

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(796)

<223> n = A,T,C or G

<400> 5221

atcgattaac	acttctaatag	agtcaagtcc	taggggttttt	tggtttttggt	ttgttgccaa	60
cgaggaacac	agctctgggg	gaatgggtgc	atccwcstgc	gytttaaaaa	taagcacatg	120
atggctgggc	accgtggctc	acgcctgtaa	tcccagcact	ttgggaggct	gaggcgggtg	180
gwtcacctga	ggtcgggagt	ttgagaccag	cctggccaac	atgggtgaaac	cccatcgcta	240
ctaaaawtat	aaaaaattag	ctgggcatgg	tggcgcacgy	ctgtagtcc	agctactcag	300
gaggctgagg	caggagaatc	gcttgaaccc	gggagggtga	ggttgcagtg	agctgagatc	360
gcaccattgc	actcccacct	gggcaacaaa	gagtgaacct	tggctctcaga	aacgaaacaa	420
aacacaaaaa	cctttctcag	tcccagcata	tgtggagcag	cctcattctt	catagctgtg	480
tgtcattccg	ttgcgtgatg	gggtcacaga	gcacagacct	ggtgcccttt	tcctttttta	540
tatgtggaaa	cccctccatg	ctttccaaag	cctacaagta	cagcagcccc	aagtttaggg	600
tgagcagcag	tggtcagagc	tctttactat	tacttttggg	caaacgcaag	ccaggctggc	660
aaccaccact	gccgccgagg	ggagatacaa	gcaggccagt	ttcacactyt	gggackttta	720
gtttctttct	tacatctaga	aggtgggcct	ctkgttattc	canttttaaag	gcagcccaag	780
ggaantgttc	agnaaa					796

<210> 5222

<211> 328

<212> DNA

<213> Homo sapiens

<400> 5222

ataaggcagt	ctctcaaaaag	tcatactgcc	agagtctcta	gggcaaggag	aaacaactag	60
ctggacaata	ctcaattcac	aacttagcat	tttgccatct	gaagcttggc	aaactagtat	120
ctgctgtaaa	acaacctata	tggtagtgga	accgtagtat	tcctgagcaa	aacgtggctt	180
tcacgccttt	gtaaaaaattt	gcacatctgtt	agaaactagc	ctataaaaata	tcaccattgg	240
atgtagatat	ggagagaaaaa	gaaatatgtt	gggtttattg	cttagcgaaa	tattctcttt	300
ttatttaaat	aaaatgttct	tcattgtg				328

<210> 5223

<211> 302

<212> DNA

<213> Homo sapiens

<400> 5223

ggaagagctc	gtcttggagt	ccaagctttt	gccacttcaa	ttgcaccagc	tcaggaacc	60
atacaaccat	cttcaatkgc	atTTTTgata	gcacgaagtc	catctcttat	ggcatccttg	120
acttgtgtga	gagtcagtgc	ttatttggtc	ctttaaccaa	caaggtaaca	gagcaagggt	180
taacacactc	ctcaataaaa	gtgaactttt	cttcacctaa	tgtatactca	tacacaagac	240
cagcatgtcc	caagcaatct	acagtgagat	cttcaaaaga	attcacggcc	attccaccac	300
aa						302

<210> 5224

<211> 551

<212> DNA

<213> Homo sapiens

<400> 5224

gcagtacgtg	tgcctgagg	ctcatagtgtg	atgagggact	ttccctgctc	caccgtcact	60
cccccaactc	tgcctgcctc	tgccccgcc	tcagtccccg	cctccatccc	cgcctctgtc	120
ccctggcctt	ggcggctatt	tttgccacct	gccttgggtg	cccaggagtc	ccctactgct	180
gtgggctggg	gttgggggca	cagcagcccc	aagcctgaga	ggctggagcc	catggctagt	240
ggctcatccc	castgcattc	tccccctgac	acagagaagg	ggccttggtg	tttatattta	300
agaaatgaag	ataatattaa	taatgatgga	aggaagactg	ggttgcaggg	actgtgggtct	360
ctccyggggc	ccgggacccg	cctgggtcttt	cagccatgct	gatgaccaca	ccccgtccag	420
gccagacacc	acccccccacc	ccactgtcgt	ggtggcccca	gatctctgta	attttatgta	480

gagtttgagc tgaagccccg tatatttaaat ttatttttggt aaacatgaaa gtgcatcctt 540
tccctccaaa a 551

<210> 5225
<211> 555
<212> DNA
<213> Homo sapiens

<400> 5225
gctctgtgac acccttttttg tgatcttcag tgctgttttt atggttacac gactaggaat 60
ctatccattc tggattctga acacgacctt ctttgagagt tgggagataa tcgggcctta 120
tgcttcattg tggtcctca atggcctgct gctgacctta cagcttctgc atgtcatctg 180
gtcctacctt attgcacgga ttgctttgaa agccttgatc aggggaaaagg tgacctgtcc 240
aggaaggatk agwscswgtr mtgtssactc tttsmkcasc tcmkwsswwk wwkmtrtgmc 300
cgcgggasct gsacarwwws atctcttgca tgtatcgaag gatgatcgca gtgatgtgga 360
gagcagctca gaggaagaag atgtgaccac ctgcacaaaa agtccctgtg acagtagctc 420
cagcaatggt gccaatcggt tgaatggtca catgggaggc agctactggg ctgaagagta 480
aggtggttgc tatagggtact tcagcacaca tggactttgt agggccactg gcaaacaata 540
ctcctcttgg gccct 555

<210> 5226
<211> 498
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(498)
<223> n = A,T,C or G

<400> 5226
attcaagatg agatttgggt ggggacacag ccaaacccta tcggttgcca acatttacag 60
taacagtgtt aggtgaacag ttgtocagtc tcctgttttg tcggacactg tttctagcac 120
cttccaggca gaatctcatg tacccttcac tttcgaawts ggwacgagka tttcatcccc 180
acttttatca atgagaaact aaagctcgaa gaggtcaagt aagtccctgg ccaaggctcag 240
ctagcaggct ctagaggcct cgttctcctt agaggcaagc cttgccaggg cccaggcttg 300
gcaggctgca gggcagggtg gggcatgccca tggtagaggt gggaccattg aggctcagag 360
agggttaagt atganccctg gnacacagcg ggggtgggtcc agagtccggc ctgcatcttc 420
tggagctggc cagtggacag gcctttcccg ttcacaagcc cggggctgct gttcccacca 480
aggggggaat gttgccta 498

<210> 5227
<211> 537
<212> DNA
<213> Homo sapiens

<400> 5227
ggatgggtgc cctggagcca ggcaaggcag gaggccccag aaacttggtg ggggagataa 60
cggaggggat ggagcaggag gaatcctgaa aaccggactg ggagagatgk grccsagtgg 120
asgakkyyccr staysasmkg gcgtmtgaga ckgaacatt aattctgaag aagaagaaac 180
tagacagtca gacctccagg actaagatga agtgagccga gaggagatcg tatcataaga 240
atgcttctgt cgttagccgg gtgcagtgtt gtgtgtatct agttccagct acttgagagg 300
ctgaggcagg aggattgctt gagtccagaa agtggcagtt gcagtgagtg gagatcgtgc 360
cactgctcwc cagcctgggt ggcagarcga gaccctgtct caaaaaaata acaaaaacaa 420
aatgcttctg tcagttaaca atctttatta gaggggtttt agtctttctt tctcagctgt 480
atgttaagtt ggttgacaaa tgcaataaaa cgtctttatt atcctttctt tctgaaa 537

<210> 5228
 <211> 735
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(735)
 <223> n = A,T,C or G

<400> 5228

ggggcctgag	gtgccaggg	tcacagacag	ggtttccac	cagccacacg	caccagctct	60
atttggggga	agtgtagtga	ggaggagccc	agaggacccc	aggggagtga	ggaggagaaa	120
cttggaagg	tgcagcccac	ttecagactc	tccctctctc	cacccttcta	ccctgtgaag	180
ggaaatgagg	gcttttagttt	cctgggcagg	gaggggcagc	ttctgaggtt	gccaaaggcc	240
cccactggat	ggaacctgtt	agctgtctct	ctccgcagcc	agaaatgctg	ccggctgcac	300
ccagaggagc	agtgaggcag	gacagatgga	caggttcctc	ctgogctgta	attccctgct	360
ccctggagac	tgggaaaagg	ccgcagnacg	ggggactggg	cggtggtggc	tgggtggtta	420
aaggttgaac	tttctctgaa	gtccttttcc	cctttgctct	tgggtccctgc	ccngcaang	480
caaacctgcc	ccctctgcct	cccagtgcac	ccaatgaccc	cccttccctc	tggggcggac	540
ttcctgattg	aagcacaact	cccccgcaag	ganccccaag	cccacaagg	ttggccataa	600
tttggggcag	tttccaagtc	ctgtnggctt	cggctaaten	tggggganga	agatttttng	660
ggtcttgat	ttcccttggg	aaattgggtc	cttgggcttg	gaatnttttc	cctaaggggg	720
ccctcttant	tcctt					735

<210> 5229
 <211> 317
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(317)
 <223> n = A,T,C or G

<400> 5229

ggctgcctgg	ggaaggagaa	atctgagcca	agacctgaca	aatgaatagg	agtaagctaa	60
ggaaagtga	tggggtgagt	gagttccaaa	tggagggaac	tgcattgtga	gaggccataa	120
ggtgagggga	acctgggcac	attccaggag	ctgaagggtt	tgttggtggc	ggaacataaa	180
gagccaaagg	gggccaagca	gtgcttcaca	cctgtaatcc	cagcrtctct	ggaggcygag	240
gtgggcagat	cacctgaggt	caggagttca	agaccagcct	ggtcaacgtg	gtgaaaccct	300
gtctctactn	aaaatac					317

<210> 5230
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 5230

ggccactccg	cctcttccct	cccttcgtcc	cttcttctct	tccctttttt	ccttcttctc	60
tccctctctc	gccgccaccg	cccaggaccg	cgggccgggg	gacgagctcg	gagcagcagc	120
caggtagaac	tttagacttc	atagcactga	attaacctgc	actgaaagct	gtttacctgc	180
atttggtcac	ttttgttgaa	agtgaccatg	tctcaagttc	aagtgcaagt	tcagaacca	240
tctgctgctc	tctcagggag	ccaaatactg	aacaagaacc	agtctcttct	ctcacagcct	300

<210> 5231

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 5231
 atcagtatga actcttaaaa catgcagaag caactctagg aagtgggaat ctgagacaag 60
 ctgttatgtt gcctgagggg gaggatctca atgaatggat tgctgtgaac actgtggatt 120
 tctttaacca gatcaacatg ttatatggaa ctattacaga attctgcact gaagcaagct 180
 gtccagtcac gtctgcaggt cagagatatg aatatcactg ggcagatggg actaatatta 240
 aaaagccaat caaatgttct gcacccaaaat acattgacta tttgatgact tgggttcaag 300

<210> 5232
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 5232
 ccggcggtc tggctgcccg gcggttgaga gcatggcctc tccaggggca ggtagggcgc 60
 ctccggagtt accggagcgg aactgcgggt accgcgaagt cgagtactgg gatcagcgct 120
 accaaggcgc agccgattct gcccctacg attgggttcgg ggacttctcc tcttccgtg 180
 cctcctaga gccggagctg cggcccgagg accgtatcct tgtgctakgt tgcgggaaca 240
 gtgccctgag ctacgagctg ttcctcggag gcttccctaa tgtgaccagt gtggactact 300

<210> 5233
 <211> 564
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (564)
 <223> n = A,T,C or G

<400> 5233
 gcagcagctc ccaggatgaa ctggttgacg tggctgctgc tgctgcgggg gcgctgagag 60
 gacacgagct ctatgccttt ccggtgctc atcccgcctg gcctcctgtg ygcgctgctg 120
 cctcagcacc atggtgcgcc aggtcccagc ggctccgcgc cagatcccgc ccaactacagg 180
 gagcgagtca aggccatgtt ctaccacgcc tacgacagct acctggagaa tgcccttccc 240
 ttcgatgagc tgcgacctct cacctgtgac gggcacgaca cctggggcag tttttctctg 300
 actctaattg atgcactgga caccttgctg attttgggga atgtctcaga attccaaaga 360
 gtggttgaag tgctccaggg acagcgtggg actttgatat tgatgtgaac gcctctgtgt 420
 ttgaaacaaa cattcgagtg gtaggaggga ctccgtgtct gttcatctgc ttttccaaga 480
 aggctggggg gggaagtaga ggctggatgg gcctgtttcc ggggcttttc cttgagaatt 540
 ggctnaggan ggcggcccga aaat 564

<210> 5234
 <211> 596
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (596)
 <223> n = A,T,C or G

<400> 5234

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actcaaagac acgtacatgt tgtccagcac cgtctcctcc aaaatcttgc gggccattgc      60
cttaaaggaa ggtttttcatt ttgaggaaac attaaactggc ttttaagtggg tgggaaacag      120
agccaaacag ctaatagacc aggggaaaaac tgttttatatt gcatttgaag aagctattgg      180
atacatgtgc tgcccttttg ttctggacaa agatggagtc agtgccgctg tcataagtgc      240
agagttggct agcttcctag caaccaagaa tttgtctttg tctcagcaac taaaggccat      300
ttatgtggag tatggctacc atattactaa agcttcctat tttatctgcc atgatcaaga      360
aaccattaag aaattatttg aaaacctcag aaactacgat ggaaaaaata attatccaaa      420
agcttggtgg aaatttgaaa tttctgccat tagggacctt acaactggct atgatgatag      480
ccaacctgat aaaaaaagct gttctttccc acttagttaa aaggcaggcc aaatggattc      540
accttcacct ttggctaata ggagggcgctg ggcaccntgc ggcaccagtg gggacn      596

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<210> 5235
 <211> 732
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (732)
 <223> n = A,T,C or G

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<400> 5235
gcttcgtgtg ctactgcgaa ggggaggaaa gcggggaggg ggaccgcggc ggcttcaacc      60
tctacgtgac cgacgccgcg gagctttgga gcacctgctt caccgccggac agcctggcgg      120
ccctcgtggg taactgggcg ggtctgggag ccgccacacc cctccttgca gtgcagatcg      180
tctatggggc gacagacatc tgggattccc cagaaggctc tgacaccctc tgcccgccct      240
gtagctgtag tcctccatt ggctagggct cttggggctg ggcaggtttc ggggtgcccc      300
agtggcctcg ggttcaggc agctcgtgac aagcccctgt gctctctaga aagcccgttt      360
tggcctgagt gcggctgagg acatcacccc ccggttcagg gcagcctgtg agcagcaagc      420
tggtgctctg actctgcagg aggacagagc atccctgacg ctttcagggg ggcctcgga      480
ctggcctttg acctctccaa ggtaccaggc ccagaggcag cccccaggct gtgggcgctg      540
acactgggcc tggcaaaacg cgtgtggagc ctggagcgkc gactkgcagc tgcagaagag      600
acagctgtca gcccaggaa gagcccccg cctgcagggc ttcagctctt cttaccagac      660
ccagatcccc agagagggtg ccctggacct nggagtcagg atgncggttt ccaggagaat      720
tcgttcatcn aa      732

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<210> 5236
 <211> 816
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (816)
 <223> n = A,T,C or G

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<400> 5236
ctgaaacagg gtcgggatgc cgatgccggc ttggagttag agrkkmgwca ccgctgagag      60
cagctgcagt agctgagyag tggcagcaga gaggcagacg tgagctgagg gcgcagaggc      120
aggcagcatc tctgagggtc cccaaggagc atggctggga gccgtgaggt ggtggccatg      180
gactgcgaga tgggtggggc ggggcccacn ggggnagagt gcoctggctcg ttgcagcctc      240
gtgaacgtcc acggtgctgt gctgtacgac aagttcatcc ggcctgaggg agagatcacc      300
gattacagaa cccgggtcag cggggtcacc cctcagcaca tgggtggggc cacaccattt      360
gccgtggcca ggctagagat cctgcagctc ctgaaaggca agctgggtgg ggggtcatgac      420
ctgaagcacg acttcaggc actgaaagag gacatgagcg gctacacaat ctacgacacg      480
tccactgaca ggctgttgtg gcgtgaggcc aagctggacc actgcaggcg tgtctcctgc      540

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gggtgctgag	tgagcgcctc	ctgcacaaga	gcatccagaa	cagcctgctt	ggacacagct	600
cgggtggaaga	tgcgagggca	acgatggagc	tctatcaa	atcccagaga	atccgagccc	660
gccgagggct	gccccgcctg	gctgtgtcag	actgaagccc	catccagccc	gttccgcagg	720
gactagaggc	tttcggcttt	ttgggacagc	aactaccttg	cttttggaaa	atacattttt	780
aatagtaaag	tggtctctata	ttttctctac	gccaaa			816

<210> 5237

<211> 817

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (817)

<223> n = A,T,C or G

<400> 5237

agacagagta	ctgattggag	gggatgaaac	tccagagggc	cagagagctg	tgagggccct	60
gtgtgctgta	tatgagcact	gggttcccag	agaaaagatc	ctcaccacta	atacttggtc	120
ttcagagctt	tccaaactgg	cagcaa	atgtcttgcc	cagagaataa	gcagcattaa	180
ctccataagt	gctctgtgtg	aagcaacagg	agctgatgta	gaagaggtag	caacagcgat	240
tggaatggac	cagagaattg	gaaacaagtt	tctaaaagcc	agtgttgggt	ttggtgggag	300
ctgyttccaa	aaggatgttc	tgaatttggt	ttatctctgt	gaggctctga	atttgccaga	360
agtagctcgt	tattggcagc	aggtcataga	catgaatgac	taccagagga	ggaggtttgc	420
ttcccggatc	atagatagtc	tgtttaatac	agtaactgat	aagaagatag	ctattktggg	480
atattgcattc	aaaaaggaca	ctggtgatac	aagagaatct	tctagtatat	atattagcaa	540
atatttgatg	gatgaagggtg	cacatctaca	tatatatgat	ccaaaagtac	ctaggggaac	600
aaatagtttg	gggatctttc	tcatccaggg	tgtttcagag	ggatgaccaa	gtgtccccgg	660
cttcgtgacc	atttccaagg	atccatatgg	aaggcatgtg	atgggtgccc	catgctgttg	720
tttattttgc	actgagtggg	gacatgtttt	aaggggattt	gggattattg	gaccgcattc	780
cattaaaaaa	atggcttaag	nccagccctt	tatnctt			817

<210> 5238

<211> 337

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (337)

<223> n = A,T,C or G

<400> 5238

gtgcaccgga	gggtgaagac	agccctcgcg	akgamkgwgg	aggcctggkg	agcaggcctg	60
accctgtgry	rswrcwksag	gctgcggtga	agcggggcga	ccacctggag	gagctgctgg	120
agcarmmcag	gaggcccacg	mcaagtacca	agtgaccagg	gatgccggga	acactgtcga	180
agaacggaag	gcagaggaca	gaggctggac	gttggcccgag	agcagagaga	cgncacactg	240
ccccccacag	aggctggtgg	tttagatgcc	cacgggtaag	cacctgtggc	ttgcattttt	300
aaacagttaa	aaggaggccg	ttgttttcag	cgccttt			337

<210> 5239

<211> 570

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(570)
 <223> n = A,T,C or G

<400> 5239

gacttctgaa	gaacatgaag	caagcagaag	ggtgaaagcg	gagctgctgg	ttcagatgga	60
tggtgttgga	ggtacttctg	aaaatgatga	cccttcctaaa	atgggttatgg	ttctggcagc	120
tactaatttt	ccctgggata	tagatgaggc	tttaagacga	cgccttgaga	aacgaatcta	180
tattcctttg	ccgtcagcaa	aaggcaggga	ggagctatta	cgaataagtc	tacgtgagtt	240
ggaattggct	gatgatgttg	accttgcaag	tatagcagaa	aacatggaag	gttattcagg	300
tgcggacatt	accaacgtgt	gcagggatgc	gtccttgatg	gcaatgagaa	ggcgattga	360
aggtttgact	ccagaggaaa	tccgaaatct	ttccaaagaa	gaaatgcaca	tgcttacaac	420
tatgggagga	tttcgagatg	gctttaaaaa	aggtttctaa	gtncagtgtt	cttgctggca	480
gacatttgaa	aggttacggg	gaatgggtat	tttgagtttg	ggtccttgct	aaatttntca	540
cctgtaaaact	gttgaggaat	gtgccttaag				570

<210> 5240
 <211> 907
 <212> DNA
 <213> Homo sapiens

<400> 5240

agccaatgtg	cttgcaagtg	tacagatctg	tgtagaggaa	tgtgtgtata	tttacctctt	60
cgtttgctca	aacatgagtg	ggtatttttt	tgtttggttt	ttttgttggt	gttggttttg	120
aggcgctct	cacctgttg	cccaggctgg	agtgcattgg	cgcgttctct	gctcactaca	180
gcaccgctt	cccaggttga	agtgattctc	ttgcctcagc	ctcccagagta	gctgggatta	240
cagggtgcca	ccaccgcgcc	cagctaattt	tttaattttt	agtrgagaca	gggttttacc	300
atgttgacca	ggctggyctt	gaactcctga	ccctcaagtg	atctgcccac	cttggcctcc	360
ctaagtgtctg	ggattatags	cgtgagccac	catgctcagc	cattaaggta	ttttgttaag	420
aactttaagt	ttagggttaag	aagaatgaaa	atgatccaga	aaaatgcaag	caagtccaca	480
tggagatttg	gaggacactg	gttaaagaat	ttatttcttt	gtatagtata	ctatgttcat	540
ggtgcagata	ctacaacatt	gtggcatttt	agactcgttg	agtttcttgg	gcactcccaa	600
gggcgttggtg	gtcataagga	gactataact	ctacagattg	tgaatatatt	tattttcaag	660
ttgcattctt	tgtcttttta	agcaatcaga	tttcaagaga	gctcaagctt	tcagaagtca	720
atgtgaaaat	tccttcttag	gctgtcccac	agtctttgct	gcccttagat	gaagccactt	780
gtttcaagat	gactactttg	gggttggttg	ttcatctaaa	cacatttttc	cagtcttatt	840
agataaatta	gtccatatgg	ttgggttaatc	aagagccttc	tgggtttggt	ttgggtggcat	900
taaatgg						907

<210> 5241
 <211> 1184
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1184)
 <223> n = A,T,C or G

<400> 5241

gcaagatccc	tccacctgtc	attatgggtgc	aaaatgtgag	cttcaagtat	acaaaagatg	60
ggccttgcat	ctacaataat	ctagaatttg	gaattgacct	tgacacacga	gtggctctgg	120
tagggcccaa	tggagcaggg	aagtcaactc	ttctgaagct	gctaactgga	gagctactac	180
ccacagatgg	catgatccga	aaacactctc	atgtcaagat	agggcggttac	catcagcatt	240
tacaagagca	gctggactta	gatstmtcrc	ctttggagta	catgatgaag	tgctaccag	300
agataaagga	gaaggaagaa	atgaggaaga	tcattgggag	atacggtctn	actgggaaac	360

aacaggtgag	cccaatccgg	aacttgctcag	acgggcagaa	gtgccgagtg	tgtctggcct	420
ggctggctgg	cagaaccccc	acatgctctt	cctggatgaa	cccaccaatc	acctggatat	480
cgagaccatc	gacgccctgg	cagatgccat	caatgagttt	gaggggtggt	tgatgctggg	540
cagccatgac	ttcagactca	ttcagcaggt	tgcacaggaa	atttgggtct	gtgagaagca	600
gacaatcacc	aagtggcctg	ggagacatcc	tggcttacaa	ggagcacctc	aagtccaagc	660
tggtggattg	aggagcccca	gctcaccaag	agkaccacaa	acgtgtgagc	cytytacctg	720
ggttcgggtc	aggagctcca	tcntgggaac	taacagctgc	taacctgacc	agccgctcag	780
gacaggaccc	tggggctaca	ctcctgcatt	gctgcaatac	tgctcccca	gcctctcccc	840
tgccctcaa	cctgccttag	ctgcaactct	ttacctacag	ctggacagta	cctgtctgtt	900
tcctgtcctc	cttccagtta	catctgtcca	tgtctggact	cggctggccg	ttccctccag	960
ccccttgctg	ttatcttaca	tctgagtgtg	atgcagtcag	aggcacctgc	gggttagccc	1020
aggggggccc	aactgatttg	gcctgcccag	gagcttagga	tcctcgtttt	ctgggttttg	1080
gtgatgttgg	aggagtacc	cccagccac	cgccccgatt	cctttttgct	tctgggttgg	1140
agctccggac	caggaccttc	gtcctggtna	gtttttaaat	aatt		1184

<210> 5242

<211> 383

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(383)

<223> n = A,T,C or G

<400> 5242

gtaaaccttc	cccagtccta	tcagagcaaa	ctttctgggg	ttgcatcccc	tcagaaaccc	60
atttggggcc	caatctcaat	gcacatatca	gtgcgcaaag	cactaaaatt	ccaggcaaca	120
ctttgtattg	agagaagcca	aaattttggt	cmsgccctgg	gacatctaaa	gtcaccaatg	180
taactacacc	atacagatta	aaccttcaca	tgatcatgta	agctatgcag	ttaccaaacg	240
tgcatacatt	agaaaacctg	tacagttttt	atggaaacca	tccttagtca	aggacacttt	300
aaatatatag	tctaaatacc	gttaaggtag	gccactagc	tgtgttcaca	ttttcccttg	360
gncaccttac	caggggactt	tta				383

<210> 5243

<211> 1278

<212> DNA

<213> Homo sapiens

<400> 5243

cacctgtgct	tgcagccagg	tcaggcccag	ctgcagccca	ggcaggagca	gtcgcctttc	60
ccacccacag	cgctggccac	agggtccct	gcagggtcag	ggaccagacc	acgcccagag	120
gaggggaggc	actggccccc	gccacaggac	tggagacgca	agaacaaaaa	gaaccaagta	180
gagagagtgg	agctgcttta	ttgcccttgg	agcccgcgct	ctcgagggct	gtcttctgtc	240
gccaagggtc	ccggaccgag	tacacagtgg	cagctggctt	agttggtgga	cggcytgss	300
cactcgacgt	tgaggatgag	gtggctgtag	ccaaagccgg	acaccccggc	aatggcacgc	360
gcagsatcct	cgcgggcgtg	gaagctgatg	aaggcraagc	ccttggattg	gccagtggtc	420
ttgtccttag	ccaggtagat	gcgggagatg	gagccgaaag	gcsngaagag	ctcctgcagg	480
tcggtctcac	gcgtgtcctc	tgacaagtgg	gtgacacgga	tggtggcggt	gtcgtcggct	540
ctgcggttgg	gctgcatgga	ctcccccgcg	cggctggccc	cgtcgcgmag	gctcggcggm	600
acatacttcc	ctgtcttgtt	ctgcgtggcc	tgcacgggct	ctagctctcc	cggcagcttc	660
tccttctcgc	cagtaracag	gccagctgc	tcggccagct	ccttctgcat	gggccccagc	720
gtatccttgt	aggggcagcg	ggtggtccag	tggtcgccct	tgcagatgcg	gcaggacacg	780
atcttctggc	ccttgagttt	gttcataggg	tcctctcct	cctggcagtt	caggtcctct	840
ttgctgggtga	tgaacgtcat	agagacatcg	tcactgacag	tggtggtggc	cacattgggt	900
ccgggggggt	caaactctga	gttcccgaac	ttcttccagt	tcttctcct	tgcgacagcc	960

tttgaagcct	tccgggtctc	aatcctgaag	gtgcggaaca	tcttgaactt	cttgccatcc	1020
tcattttcta	tcttgactc	tgtcactgtc	tttatgtttc	cgttgatgac	ctccttgga	1080
ggcggcagtg	gagctcccgg	cagtagctct	ggctctgggc	tgggtgcacc	tgtggccaga	1140
gggatcccc	tgaggagctc	gctggtgaca	catttgctgt	cctccccctc	ctcctccacc	1200
tggtcggccc	aactgggctt	cgaatyaaag	tctccagtag	gcatcgcaaa	aagtattctc	1260
cacgcagccc	aagcccgg					1278

<210> 5244

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5244

ttgagacgga	gtttcaccat	gttggccagg	atgggtcttca	acttctaact	tcttgatcca	60
cgtgctggg	attacaggtg	tgagccaccg	cgtgtggcct	ctgggcacct	tttgaagctg	120
aagcagagag	agaaggcggc	aggcatcagc	gttttcttct	atgaacttat	aagatcaaag	180
actttaagac	tttactatt	tcttctaccg	ctatctacta	cgaacttcaa	agaggaacca	240
ggagtacgga	aggagcatga	aagtggacaa	ggaacgtgac	cattgaagca	ccacagggag	300

<210> 5245

<211> 496

<212> DNA

<213> Homo sapiens

<400> 5245

attctctctc	cataccaccc	cccaaaaatt	tctgcgcgtc	caacacttca	acactatctt	60
gkttttattt	tcttattaat	atmagaaggc	aggaatgtca	ggcctctgag	cccaggccag	120
gccatcgcat	cccctgtgac	ttgcacgtat	acatccagat	ggcctgaagt	aactgaagat	180
ccacaaaaga	agtaaaaaca	gecttaactg	atgacattcc	amcattgtga	tttgttctgt	240
ccccacccta	actgatmaat	gtacttttga	atctcccca	cccttaagaa	ggtctttgt	300
aattctcccc	acccttgaga	gtgtactttg	tgagatccac	acctgcccac	cagagaacaa	360
accccttttg	actgtaattt	tccattacct	tccctaatac	tataaaacgg	ccccaccca	420
tctccctttg	ctgactctct	tttcggactc	agcccgctgt	caccaggtg	aaataaacag	480
ccttggttgc	cacaca					496

<210> 5246

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5246

gggagggcac	acctggggga	cagcagcggc	gggagtgtgg	tccgactggc	ctggaagatc	60
ttgggcagag	ctgacctcag	agaacagtgc	gggtctctcg	ccctcctggg	gcagtcccca	120
ggacgaggtg	ccaggtgcct	ggcccatggt	gcagggggcc	gtggagccca	tgcatatcga	180
cgtggacccc	caggaagacc	cgcagaatgc	acctgacgtc	aactacgtgg	tggagaaccc	240
cagcctggat	ctggaacagt	acgcggccag	ctacagcggc	ctggccactg	ggtgccaccc	300

<210> 5247

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5247

ggtatgtgta	gcggcagtg	ccgcccggcg	agcagtctga	gcccagcat	gaggccgggg	60
acgggagctg	agcgtggagg	cctcatgggt	agtgaatagg	agagccatcc	tccctcgag	120
ggtcctgggg	acggggagcg	gagattgtcc	ggctcaagcc	tctgctccgg	ctcttgggtc	180

tctgctgacg	gcttcctgag	gagacggccc	tcgtaaggg	atcagtgggg	cagggggaag	240
gcggcacatt	gaaaaacgga	gtgagaaaca	ggaagctttc	tccgaaagga	gaagaagata	300

<210> 5248
 <211> 507
 <212> DNA
 <213> Homo sapiens

<400> 5248						
agggggcggg	cccgtacgcc	gattccatat	gggcgcgggc	gcggagcgcc	gcggggcagc	60
gcggggcgcc	catggctgag	ctgcagcagc	tccgggtgca	ggaggcgggtg	gagtcctatgg	120
tgaagagtct	ggaagagmg	rwcmstckkm	wsywrcrgag	gtctcatgtt	ccgggtgcagc	180
gccagctgtt	gtgaggacag	ccaggcctcc	atgaagcagg	tgcaccagtg	catcgagcgc	240
tgccatgykc	ctctggctca	agcccaggct	ttgggtcacca	gtgagctgga	gaagttccag	300
gaccgcctgg	cccgggtgcac	catgcattgc	aacgacaaag	ccaaagattc	aatagatgct	360
gggcgtaagg	agcttcagg	gaagcagcag	ctggacagtt	gtgtgaccaa	gtgtgtggat	420
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ggaaaataaaa	agtatcttcc	agtggcc				507

<210> 5249
 <211> 1718
 <212> DNA
 <213> Homo sapiens

<400> 5249						
cacaggcttt	ggttcagaat	ataggtcagc	caaccacagg	gtctcctcag	cctgtaggctc	60
agcaggctaa	caatagccca	ccagtggctc	aggcatcagt	agggcaacag	acacagccat	120
tgccctcacc	tccaccacag	cctgcccagc	tttcagtcca	gcaacaggca	gtcagccaa	180
cccgtctgggt	agcacctcgg	aaccgtggca	gtgggttcgg	tcataatggg	gtggatggta	240
atggagttag	acagtctcag	gctggttctg	gatctactcc	ttcagaaccc	caccacagtgt	300
tggagaagct	tcgggtccatt	aataactata	accccaaaga	ttttgactgg	aatctgaaac	360
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ataatatattg	gtgcagcaca	gagcatggta	acaagagact	ggatgctgct	tatcgttcca	480
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aactgcgaca	cattcgccta	gagaacaacg	agaataaacc	agtgaccaac	tctagggaca	720
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acaccacttc	cattttttgat	gactttctac	actatgagaa	acgccaagag	gaagaagaaa	840
gtgttaaaaa	ggaacgtcaa	ggtcgtggga	aataaaaagg	agttctacac	agactgcagc	900
aacggttgca	tctgcatatc	ctaagaggaa	aaaatgacct	tcaagagaat	taggactttt	960
ttcttaattt	cactgacttc	agagacgatt	gcagacttgc	agtttaagta	ttggaatttc	1020
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acaaaaaatc	cctctaggta	gtttagggtga	aaaatgtccc	ttttattttg	gctttgggtg	1140
tgatttcaga	gcataatgct	atgttttttt	gtcttttttac	tatgtttttc	ggatttttaa	1200
gtccgtaagt	gcatacagtt	ttctctaat	tttaaacctc	ttctctctcc	cattttgaca	1260
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atgtgatttt	atccttccga	actggaagaa	catttttatg	aagaattttt	gtctaggaga	1380
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ttactcaaag	taaagtacta	ggagtcctaa	gaaatgttct	gttcttgtac	attatactga	1500
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ttcagccaat	gaggaaagg	cattgccttt	ctttttacca	ttaatcactt	ctcaataaac	1680
gtgagatcct	gttgagcatc	aaaaaaaaaa	agtcgacc			1718

<210> 5250

<211> 426
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1) ... (426)
 <223> n = A,T,C or G

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<400> 5250
cccgaacggtg tgtgggcaca cgggacctgt cctggacatc gactgggtgtc ctcacaacga      60
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acgggctgac ctccccgctg acagagccgg tgggtggtact ggagggggcac accaagcgag      180
tgggcatcat cgcctggcac ccacggccc gaaacgtgct gctcagtgca ggctgcgaca      240
acgtggtact catctggaat gtgggcacag cggaggagct gtaccgcctg gacagcctgc      300
accctgacct catctacaat gtcagctgga accacaatgg cagcctgttt tgctcagcat      360
gcaaggacaa gagcgtgcgc atcatcgacc cccgtcgggg caccctgggtg gcagancggg      420
agaagg                                           426
  
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<210> 5251
 <211> 538
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1) ... (538)
 <223> n = A,T,C or G

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<400> 5251
caccagtggc tttagggcct gtcgcttacg cgatgcgggt agtattgttc ccgttgcgca      60
gttgaggaca cctagggttca cggctctgagt aacacctcat tacaccgaag cctgggcctg      120
tattcccaga gctttgggag gctgaggcga gaggatcact tgagcacagg agttcgagac      180
cagcctggac aacatagtga gacccccatc tctaaataaa aatagaccaa cgctaaagcc      240
tgtgctccag agcctccagg mawttggatc agaagtcgca gctctgggtg gaggaaggcg      300
agtcctcatg tgtgtccctg tgccactttg ccttgnccct ttgctgtcca tcctttttca      360
gggcgtggac tccttgggtg tagaaagcgt gatgttcgcc atacttgcgg acgggtccgc      420
tggggcccca gcttgtacgg agtcctttccc agaaggcccg gcttgggaaca gtacatccca      480
agtcnggcc a tttgaaaact tcaaagaagc ttcgagaagc cagtgttgtc agcagcca      538
  
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<210> 5252
 <211> 1603
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1) ... (1603)
 <223> n = A,T,C or G

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<400> 5252
gctcttctct gtgcccttta tccgcacttc ccagctcaca gcactgacaa ccggtatcat      60
ctccaggctc tccggcacct ctatgtgctg gccgcggagc ccaggcttct agtgmytskg      120
saygayggac acaaacacgc cctgctatgc cctcttagaa gttacctaca agggcactca      180
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